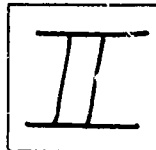


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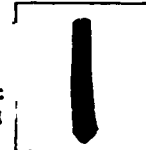
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USAFETAC/DS-80/038

DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

ERDING GERMANY AIR STATION  
N 48 19 E 011 56 ELEV: 1512 FT.

WBAN #34168

PARTS A-F  
POR FROM HOURLY OBS    APR 46-JUN 55, SEP 55-OCT 57  
POR FROM DAILY OBS    APR 46-JUN 55, SEP 55-OCT 57

OCT 22 1971

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ASHEVILLE, N. C.

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FOR THE COMMANDER

  
WALTER S. BURMANN  
Scientific & Technical  
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10680  
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18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO                      Daily temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Erding AS, Munchen, Germany It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\*Germany

\* Erding AS, DL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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DATA PROCESSING DIVISION  
COMFENS CL-1  
AIR WEATHER SERVICE (AWC)

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

##### ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

##### SNOWFALL

##### SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

##### SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

##### EXTREME MAX & MIN TEMP

##### PSYCHROMETRIC-DRY VS WET BULB

##### MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

##### RELATIVE HUMIDITY

#### PART F STATION PRESSURE

##### SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_



DATA PROCESSING DIVISION  
ETAC/UCAP  
AIR WEATHER SERVICE (WAC)  
ASHEVILLE, NORTH CAROLINA

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAH sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total column. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

34168  
STATION

ERTI G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		8.1	.5	14.6	.0	22.5	42.3	25.6	.2		68.0	8180
FEB		.0	9.3	.5	15.8		24.6	35.5	27.1	.5		63.0	7462
MAR		.1	9.4	.0	5.0	.0	14.1	17.6	27.2		.0	44.7	8184
APR		.2	13.4		2.4	.1	15.7	10.6	18.9		.0	29.5	8196
MAY		.8	13.7		.3	.0	14.0	9.1	15.8		.0	24.9	8517
JUN		1.2	15.6			.0	15.6	7.4	16.8		.0	24.1	8142
JUL		1.2	13.2			.0	13.2	7.5	15.1		.0	22.5	8180
AUG		.7	11.6				11.6	8.7	16.3		.0	25.1	8181
SEP		.3	10.2				10.2	15.9	20.5		.0	36.2	8292
OCT		.0	10.8		1.4		12.0	34.2	26.1			60.2	8918
NOV			12.6	.2	4.7	.0	17.1	42.0	29.6			71.3	7891
DEC		.1	9.8	.8	10.5	.0	20.5	52.5	21.7	.1		74.1	8183
TOTALS		.4	11.5	.2	4.6	.0	15.9	23.6	21.7	.1	.0	45.3	98326

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168

ERDING GERMANY AIR STATION

47-57

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% O' OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		7.5	.2	13.4		20.4	44.4	27.0	.3		71.7	1023
	03-05		8.0	.8	13.2		21.5	43.2	24.8	.3		70.0	1023
	06-08		7.4	.6	14.1		20.9	47.2	25.4	.2		72.8	1023
	09-11		6.6	.5	18.4		24.7	43.9	24.4	.2		68.4	1022
	12-14		7.0		14.3		20.9	35.5	24.9	.2		60.4	1021
	15-17		10.1	.1	14.6		24.0	36.7	25.2			62.9	1022
	18-20		9.3	.9	13.2	.1	22.8	41.9	26.4			68.3	1023
	21-23		9.1	.6	13.9		25.0	45.3	26.1	.2		69.6	1023
TOTALS			8.1	.5	14.6	.0	22.5	42.3	25.6	.2		68.0	8180



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

34168

ERDING GERMANY AIR STATION

47-57

FEB

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		9.1	.4	15.3		23.9	38.8	26.2	.3		65.3	933
	03-05	.2	10.3	.3	16.6		26.3	40.4	24.3	.5		65.1	933
	06-08		9.4	1.0	18.1		28.1	44.1	23.4	.4		67.2	933
	09-11		7.8	.5	19.6		26.8	39.7	24.8			64.3	933
	12-14		8.3	.5	13.8		22.2	27.5	29.0	1.0		57.6	933
	15-17	.1	10.4	.3	14.3		24.1	25.1	28.3	1.2		54.6	933
	18-20		9.5	.1	13.4		21.9	32.0	30.4	.5		63.1	932
	21-23		9.2	.5	15.3		23.6	34.6	29.8	.4		66.8	932
TOTALS		.0	9.3	.5	15.8		24.6	35.5	27.1	.5		63.0	7462

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168

ERDING GERMANY AIR STATION

47-37

MAR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		8.2		4.2		12.2	20.4	30.9			51.3	1023
	03-05		11.3		5.2		16.3	26.3	29.1		.1	55.5	1023
	06-08		9.6	.1	7.6		17.1	31.6	26.8			57.9	1023
	09-11		9.0	.1	6.2	.1	14.6	19.5	29.2			48.8	1023
	12-14	.1	8.3		4.7		12.9	8.9	23.7			22.5	1023
	15-17	.4	9.3		4.1	.1	13.1	6.5	20.5			27.1	1023
	18-20	.1	10.3		2.8		13.0	11.4	27.2			38.6	1023
	21-23		9.4		4.7		13.6	13.7	30.0			43.7	1023
TOTALS		.1	9.4	.0	5.0	.0	14.1	17.6	27.2		.0	44.7	5184

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168

ERDING GERMANY AIR STATION

46-57

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		12.4		2.5		14.9	12.4	22.2			34.6	990
	03-05		13.9		2.8		16.7	21.1	24.3			45.3	990
	06-08		14.2		3.1		17.3	19.8	29.4			49.1	1048
	09-11		11.6		2.9		13.9	6.7	21.2		.1	28.0	1066
	12-14	.2	10.4		3.1		13.3	4.1	9.3		.1	18.5	1068
	15-17	.4	14.2		1.7	.3	15.8	3.2	8.8		.1	12.1	1055
	18-20	.6	15.4		1.4	.2	16.8	7.2	15.8			22.8	990
	21-23	.2	14.9		1.9		16.7	10.0	20.4			30.4	989
TOTALS		.2	13.4		2.4	.1	15.7	10.6	18.8		.0	29.5	8196

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168  
STATION

ERDI G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.2	13.8		.2		14.0	10.8	21.4			32.2	1022
	03-05	.6	14.1		.1		14.2	25.0	21.2			45.5	1023
	06-08		12.3		.4		12.6	15.0	28.7			44.5	1116
	09-11		11.0		.4		11.5	6.1	16.9			23.0	1115
	12-14	.5	11.5		.3		11.8	1.8	7.8			9.7	1113
	15-17	1.5	13.1		.2		13.3	2.1	6.1		.1	8.3	1083
	18-20	1.8	16.5		.3	.1	16.7	4.7	9.4			14.2	1023
	21-23	1.6	17.6		.1		17.7	6.5	15.2			21.6	1022
TOTALS		.8	13.7		.3	.0	14.0	9.1	13.8		.0	24.9	8517

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168  
STATION

ERDI G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.9	15.8				15.8	9.1	21.1			30.2	999
	03-05	.5	16.0				16.0	20.4	26.4			45.9	1008
	6-08	.3	16.1				16.1	13.1	29.2			42.2	1035
	09-11	.2	14.2				14.2	4.0	13.9		.1	18.0	1034
	12-14	1.1	12.9				12.9	1.5	7.9			9.5	1033
	15-17	2.3	15.8			.1	15.8	1.8	6.9			8.7	1026
	18-20	2.2	16.4				16.4	3.1	10.7		.1	13.6	1005
	21-23	2.2	17.6				17.6	5.8	18.6			24.5	1000
TOTALS		1.2	15.6			.0	15.6	7.4	16.8		.0	24.1	8142

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168      ERDING GERMANY AIR STATION      46-54556-57      JUL  
STATION      STATION NAME      YEARS      MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING R/IN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.6	12.2				12.2	9.9	17.0			26.9	1023
	03-05	.1	14.0				14.0	16.4	25.6			41.5	1023
	06-08	.3	15.5				15.5	12.9	28.3			41.1	1022
	09-11	.6	13.9				13.9	4.2	15.5			19.7	1023
	12-14	.8	12.1				12.1	2.4	5.9		.1	8.4	1023
	15-17	1.5	11.0			.1	11.0	2.9	3.5			6.3	1023
	18-20	3.4	13.6				13.6	4.2	9.8			13.9	1023
	21-23	2.0	13.6				13.6	6.9	15.2			22.1	1020
TOTALS		1.2	13.2			.0	13.2	7.5	15.1		.0	22.5	6180

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168      ER I G GERMANY AIR STATION      46-54, 56-57      AUG  
STATION      STATION NAME      YEARS      MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.3	12.6				12.6	10.9	20.6			31.5	1023
	03-05	.1	11.6				11.6	22.1	21.4			43.4	1023
	06-08	.1	10.9				10.9	19.4	23.8			43.1	1023
	09-11	.1	10.5				10.5	6.4	15.6			22.1	1023
	12-14	.3	11.3				11.3	2.2	9.8			12.0	1023
	15-17	1.5	11.5				11.5	1.2	8.3			9.5	1023
	18-20	2.1	11.3				11.3	2.2	13.0		.1	15.3	1023
	21-23	1.4	12.6				12.9	5.4	18.1			23.5	1020
TOTALS		.7	11.6				11.6	8.7	16.3		.0	25.1	8181

DATA PROCESSING DIVISION  
USAF BTAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168

ERDING GERMANY AIR STATION

46-57

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.5	9.1				9.1	20.6	29.3			49.7	1038
	03-05		10.2				10.2	31.5	25.6			56.3	1036
	06-08		11.2				11.2	31.1	26.7			57.6	1037
	09-11		9.9				9.9	12.0	22.6			34.4	1036
	12-14	.4	9.5				9.5	3.8	19.7			17.4	1038
	15-17	.3	11.5				11.5	3.3	10.2		.1	19.8	1036
	18-20	.3	10.4				10.4	9.2	20.0			29.1	1037
	21-23	1.1	9.5				9.5	15.1	22.2			36.9	1034
TOTALS		.3	10.2				10.2	15.9	20.5		.0	36.2	8292



DATA PROCESSING DIVISION  
USAF BTAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34108  
STATION

ERONG GERMANY AIR STATION  
STATION NAME

40-57  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.1	11.1		1.3		12.4	43.4	27.5			70.9	1113
	03-05		11.9		1.2		12.9	49.9	24.2			74.1	1116
	06-08		11.9		1.3		13.0	50.8	21.1			71.8	1115
	09-11		10.4		1.0		11.4	33.0	25.8			58.8	1114
	12-14		8.8		1.4		9.9	16.9	24.7			41.7	1116
	15-17		10.9		1.7		12.4	16.1	26.0			42.1	1115
	18-20		10.0		1.9		11.9	27.3	29.1			56.3	1116
	21-23		11.1		1.4		12.2	33.8	30.0			65.8	1113
TOTALS		.0	10.8		1.4		12.0	34.2	26.1			60.2	8918

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34166

ERDING GERMANY AIR STATION

46-56

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		14.6	.3	5.2		19.1	47.5	32.6			79.8	986
	03-05		12.2		6.0		17.5	46.5	30.5			79.0	987
	06-08		11.8	.1	5.7		17.1	53.3	23.3			76.6	986
	09-11		12.2	.3	5.9		17.5	41.9	29.6			70.9	987
	12-14		11.4	.1	3.7		14.6	27.6	32.3			59.7	987
	15-17		13.9	.3	3.1	.1	16.9	32.2	29.5			61.3	987
	18-20		13.3	.3	3.3		16.8	40.8	28.3			69.1	986
	21-23		13.3	.3	4.5		16.9	43.9	30.5			74.3	985
TOTALS			12.8	.2	4.7	.0	17.1	42.0	39.6			71.3	7891

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.1	8.1	.9	9.4		18.4	55.0	22.1	.2		76.9	1023
	03-05		8.5	1.4	10.5		19.8	54.5	23.9	.3		78.4	1023
	06-08		10.0	1.9	9.4	.1	20.9	54.8	21.4	.1		76.4	1023
	09-11		10.5	.9	11.7		22.6	51.5	21.9			73.1	1023
	12-14		11.2	.4	10.9		22.2	45.2	22.3			67.4	1023
	15-17		10.6	.2	10.7		20.2	50.0	20.8			70.8	1023
	18-20	.3	11.1	.3	11.1		21.9	53.7	20.7			74.4	1023
	21-23	.3	8.3	.4	10.5		18.9	55.1	20.2			75.1	1022
TOTALS		.1	9.8	.8	10.5	.0	20.5	52.5	21.7	.1		74.1	8183

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the column headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/VAC

XXWEATHER CONDITIONSXX  
XXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

34166 STATION ERDING GERMANY AIR STATION 46-57 YEARS JLL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		29.2	.6	49.6	.3	68.3	71.6	66.6	.9		91.5	341
FEB		.6	32.8	1.6	54.1	.3	72.0	65.3	71.1	2.6		90.4	311
MAR		1.2	29.6	.2	24.9	1.2	53.7	52.5	78.6	.6		86.2	341
APR		4.5	43.2		11.2	1.8	59.4	38.5	67.0	.3	.3	73.3	330
MAY		12.9	49.0		2.1	1.5	59.8	37.0	52.5			70.4	341
JUN		21.9	54.2			3.2	64.8	35.6	67.0			73.3	315
JUL		20.2	41.6			1.2	56.0	30.2	63.3		.3	70.1	341
AUG		14.7	42.5			.6	57.2	38.4	70.4			74.5	341
SEP		4.9	40.8			.3	50.3	55.5	76.6			82.9	346
OCT			31.5		4.2	.3	42.5	70.2	80.4			93.0	372
NOV		.6	40.0		22.7	.6	63.6	78.2	75.2	.2	.3	97.0	330
DEC		.3	31.4		38.1	.3	61.3	76.2	61.0	.3		95.0	341
TOTALS		6.6	38.8	.2	17.2	1.0	59.1	54.1	70.1	.4	.1	83.1	4090

DATA PROCESSING DIVISION  
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AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in comparisons if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0300 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,  
~~On 1956-01-01, hail was no longer included in snowfall occurrence.~~

DATA PROCESSING DIVISION  
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 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

34108 ERDING GERMANY AIR STATION 40-57

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	32.0	24.0	2.0	12.0	8.0	12.0	3.0	1.0	.0					42.0	341	1.94	3.72	.34
FEB	27.0	20.0	5.0	10.0	10.0	11.0	2.0	1.0	.0					41.0	311	1.70	3.12	.37
MAR	40.0	17.0	4.0	14.0	3.0	8.0	3.0	1.0	.0					76.0	341	1.34	2.50	.05
APR	40.0	17.0	3.0	12.0	7.0	10.0	4.0	3.0	.0					61.0	330	2.02	3.07	.72
MAY	40.0	10.0	4.0	9.0	7.0	10.0	7.0	2.0	.0	.0				43.0	341	2.70	3.72	.72
JUN	36.0	11.0	3.0	10.0	7.0	12.0	9.0	7.0	1.0					32.0	300	4.05	6.02	1.00
JUL	44.0	11.0	2.0	7.0	3.0	11.0	3.0	3.0	4.0	.0				44.0	341	3.30	12.00	.40
AUG	42.0	12.0	3.0	9.0	3.0	11.0	6.0	3.0	.0					44.0	341	3.14	6.71	.64
SEP	40.0	13.0	2.0	7.0	3.0	10.0	7.0	2.0	.0					38.0	330	2.40	3.12	.60
OCT	37.0	11.0	2.0	7.0	6.0	8.0	8.0	1.0						31.0	372	1.44	3.70	.00
NOV	36.0	23.0	3.0	13.0	3.0	8.0	3.0	2.0	.0					40.0	330	2.00	7.00	.20
DEC	30.0	19.0	4.0	10.0	9.0	10.0	3.0	.0						41.0	341	1.38	2.92	.52
ANNUAL	40.0	17.0	3.0	10.0	6.0	10.0	6.0	3.0	.0	.0				41.0	4019	2.30		

## EXTREME VALUES

**PRECIPITATION**  
(FROM DAILY OBSERVATIONS)

34102	ERDING GERMANY AIR STATION
STATION	STATION NAME

44-37

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]



## EXTREME VALUES

24102      ERRING GERMANY AIR STATION      46-27  
STATION      STATION NAME

YEARS

[illegible]

USAF ETAL FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION  
USAF MAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

24568  
STATION

BRDING, GERMANY AIR STATION  
STATION NAME

46-87  
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	80.0	10.0	9.0	10.0	20.0	2.0								20.0	341	9.0	10.0	2.0
FEB	80.0	10.0	10.0	10.0	20.0	1.0								20.0	311	7.0	21.0	1.0
MAR	70.0	10.0	10.0	2.0	1.0									10.0	341	2.0	9.0	TRACE
APR	80.0	7.0	2.0	1.0										4.0	330	.0	4.0	.0
MAY	97.0	2.0		.0										.0	341	.0	1.0	.0
JUN	100.0														300	.0	.0	.0
JUL	100.0														341	.0	.0	.0
AUG	100.0														341	.0	.0	.0
SEP	100.0														330	.0	.0	.0
OCT	80.0	2.0		.0	2.0			.0						2.0	373	1.0	10.0	.0
NOV	77.0	20.0	3.0	10.0	.0			.0						7.0	330	2.0	9.0	TRACE
DEC	85.0	10.0	10.0	7.0	20.0	1.0	.0							17.0	341	10.0	10.0	1.0
ANNUAL	80.0	10.0	10.0	10.0	20.0	2.0	.0	.0						6.0	4019	29.0		

## EXTREME VALUES

**SNOWFALL**  
(FROM DAILY OBSERVATIONS)

24168	ERDING GERMANY AIR STATION	46-57
STATION	STATION NAME	

YEARS

### 24 HOUR AMOUNTS IN INCHES

[illegible]

## EXTREME VALUES

**SNOWFALL**  
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
90100	ERDING GERMANY AIR STATION	40-57

24 HOUR AMOUNTS IN INCHES  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

USAF ETAC FORM 0-88-5 (OU)

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 USAF MAC  
 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

STATION 34100 8802NS GERMANY AIR STATION 40-07

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	1841			
FEB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	1811			
MAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1830			
APR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	1830			
MAY	100.0														1841			
JUN	100.0														1800			
JUL	100.0														1841			
AUG	100.0														1841			
SEP	100.0														1800			
OCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	1878			
NOV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1800			
DEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	1841			
ANNUAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	1800			





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AIR WEATHER SERVICE (MAG)  
ASHEVILLE, NORTH CAROLINA

## PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

### **DATA NOT AVAILABLE**

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1965, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTH value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.



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PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.8	.2	.0	.0						4.1	5.3
NNE	.3	.3	.1	.0	.0							.9	5.0
NE	1.5	2.0	1.1	.4	.0							5.0	5.7
ENE	.4	.5	.4	.1	.0							1.4	6.1
E	3.0	4.3	2.7	.7	.1	.0						10.5	5.8
ESE	.6	.8	.4	.1	.0							1.9	5.3
SE	1.9	2.1	.6	.1	.0							4.6	6.5
SSE	.4	.5	.1	.0								1.0	4.4
S	2.2	3.0	1.2	.1	.0							6.5	4.9
SSW	.7	1.2	.5	.1	.0	.0						2.4	5.2
SW	2.5	4.3	2.8	.9	.1	.0	.0					10.6	6.2
WSW	.5	1.5	1.8	1.0	.2	.1	.0	.0				5.1	6.4
W	2.5	5.1	5.0	2.7	.5	.2	.0	.0	.0			16.1	7.5
WNW	.4	.8	.7	.4	.0	.0						2.4	7.3
NW	1.5	2.2	1.5	.5	.1	.0	.0					6.0	6.2
NNW	.3	.5	.3	.1	.0	.0						1.2	6.0
VARBL													
CALM												19.9	
	20.3	30.9	20.1	7.4	1.1	.3	.0	.0	.0			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

97741

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 ERDING GERMANY AIR STATION

47-8

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.7	.2								2.7	3.8
NNE	.2	.2	.2	.0								.6	3.7
NE	.8	1.7	1.5	.6								4.6	6.8
ENE	.5	.7	.5	.1	.0							1.8	3.8
E	3.9	4.3	2.8	1.0	.1	.0						12.2	3.8
ESE	.9	1.0	.5	.1								2.5	4.8
SE	1.9	2.3	.6	.1								4.9	4.6
SSE	.4	.4	.1	.0								.9	4.6
S	2.0	3.0	1.1	.0	.0							6.2	4.9
SSW	.4	.9	.3	.1								1.9	3.8
SW	1.6	3.9	4.3	1.3	.3	.0						11.6	7.3
WSW	.4	1.4	2.1	1.8	.4	.2	.0					6.3	9.9
W	1.6	5.0	6.8	3.0	1.3	.2	.0	.0	.0			20.0	9.3
WNW	.3	.6	.3	.3	.0	.0						1.7	7.6
NW	.7	1.1	1.0	.3	.1							3.3	7.0
NNW	.1	.2	.2	.1	.0							.3	7.0
VARBL													
CALM												18.4	
	16.3	27.9	23.3	11.2	2.3	.3	.1	.0	.0			100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 8101

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34148 ERDING GERMANY AIR STATION

47-87

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.4	.7	.2	.0	.0						2.7	5.5
NNE	.3	.3	.3	.1	.0							1.0	5.7
NE	1.3	2.3	1.6	.8	.0							6.0	6.3
ENE	.3	.6	.5	.2	.0							1.7	6.7
E	2.7	4.6	3.0	1.0	.2	.0						11.4	6.8
ESE	.6	.8	.2	.0								1.8	4.8
SE	1.6	2.3	.9	.0								4.8	4.9
SSE	.3	.4	.3	.0								1.0	5.3
S	1.1	2.4	1.2	.2	.1							4.9	5.6
SSW	.4	.7	.5	.1	.0							1.8	5.9
SW	1.6	2.8	2.6	1.1	.2	.0	.0					8.5	7.4
WSW	.3	1.0	2.2	1.3	.3	.2	.0					6.1	10.6
W	2.4	4.8	6.0	3.0	1.1	.4	.0	.0				19.7	9.2
WNW	.4	.6	.7	.5	.1							2.3	7.8
NW	1.4	1.4	1.2	.5	.1							4.6	6.5
NNW	.3	.2	.1	.1	.0	.1						1.0	8.1
VARBL													
CALM												19.6	
	16.6	26.7	22.2	11.9	2.3	.8	.1	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

7462

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	.9	.2	.0							3.8	5.7
NNE	.2	.3	.1	.0								.7	4.9
NE	1.3	1.8	.9	.4	.0							4.3	5.6
ENE	.4	.7	.6	.2								1.9	6.5
E	3.1	6.6	4.8	1.5	.0	.0						18.0	6.3
ESE	.6	1.0	.9	.4	.0							2.9	6.9
SE	1.6	2.3	1.0	.1								3.0	5.1
SSE	.2	.3	.2	.0								.7	5.2
S	1.7	2.3	1.0	.1	.0							3.1	5.0
SSW	.4	1.0	.8	.1								2.2	5.9
SW	2.0	3.6	2.8	1.0	.1	.0	.0					9.6	6.6
WSW	.3	.9	1.9	1.2	.2	.1	.0	.0				4.6	6.6
W	1.9	4.4	4.8	3.0	.6	.3	.1	.0				13.1	6.6
WNW	.4	.5	1.0	.7	.2	.0						2.7	6.0
NW	1.1	1.7	2.1	1.1	.2	.0						6.2	7.8
NNW	.3	.5	.3	.3	.0	.0						1.4	7.3
VARBL													
CALM												17.5	
	16.5	29.5	24.0	10.3	1.4	.6	.1	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

8181

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 ERDING GERMANY AIR STATION

46-57

APR

ALL WEATHER

ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	1.5	.5	.0							6.1	5.7
NNE	.2	.2	.2	.1								.8	5.8
NE	1.6	2.3	1.4	.4	.0							5.7	5.7
ENE	.2	.6	.7	.2								1.7	7.0
E	2.5	4.1	2.8	1.2	.0	.0						10.4	6.1
ESE	.2	.3	.5	.2								1.2	7.5
SE	1.6	1.8	.8	.2								4.4	5.1
SSE	.4	.5	.1	.0								1.1	4.8
S	1.7	2.2	1.5	.2								5.6	5.5
SSW	.5	1.1	.6	.1								2.2	5.6
SW	2.1	4.1	3.3	1.2	.2	.1	.0					11.0	6.8
WSW	.4	1.6	1.6	.8	.1	.0						4.6	7.9
W	2.1	4.3	4.5	2.0	.6	.2						14.8	8.2
WNW	.3	1.0	1.0	.6	.0	.0						2.9	8.0
NW	1.8	3.0	2.3	.9	.1	.0	.0					8.3	6.6
NNW	.5	.9	.5	.1	.0							2.0	5.8
VARBL													
CALM												17.2	
	17.8	30.6	22.2	9.5	1.2	.4	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 8190

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	1.7	.4	.0							7.0	5.3
NNE	.5	.6	.2	.1								1.4	5.3
NE	0.4	3.4	2.2	.9	.1							6.0	6.2
ENE	.3	.5	.6	.2	.0							1.6	6.7
E	3.0	4.2	2.6	.8	.2	.0						10.8	6.0
ESE	.5	.8	.3	.0								1.6	4.9
SE	1.9	1.9	.8	.1	.0							4.6	4.6
SSE	.6	.5	.1									1.1	3.9
S	2.2	2.6	.7	.1								5.3	4.5
SSW	.7	1.0	.2	.0	.0	.0						1.9	4.7
SW	2.9	3.7	2.0	.8	.0							8.8	5.3
WSW	.5	1.4	1.1	.4								3.4	6.6
W	3.0	4.6	4.3	1.0	.0	.0						12.9	6.3
WNW	.5	.9	.7	.3	.0							2.4	6.6
NW	2.2	3.3	2.2	.6	.0	.0						8.3	5.9
NNW	.4	.7	.6	.2	.0							1.9	6.4
VARBL													
CALM												17.6	
	23.7	32.7	20.0	5.4	.5	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 8506

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 ERDING GERMANY AIR STATION 46-57 JUN  
STATION NAME YEARS MONTH  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	.8	.2	.0							5.2	9.0
NNE	.4	.5	.2	.0	.0							1.1	9.0
NE	1.6	2.2	1.3	.3	.0							3.4	9.4
ENE	.3	.5	.4	.0								1.2	9.5
E	2.4	2.6	1.8	.3								7.0	9.3
ESE	.4	.6	.2	.1	.0							1.2	9.1
SE	1.8	1.5	.4	.0								3.7	4.0
SSE	.4	.4	.1	.0								1.0	4.3
S	3.1	3.6	.9	.0								7.5	4.4
SSW	.7	1.2	.3	.0								2.3	4.8
SW	3.6	3.1	2.7	.3								11.7	5.2
WSW	.7	1.9	1.4	.4	.0							4.4	6.3
W	3.9	6.6	3.0	1.7	.2	.0						17.5	6.4
WNW	.4	.8	.6	.3	.0							2.3	6.9
NW	2.3	3.8	2.0	.7	.1							8.9	5.9
NNW	.5	.8	.3	.1	.0							1.8	5.7
VARBL													
CALM												17.9	
	24.3	34.3	18.4	4.6	.4	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 8135

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.0	.4	.0							5.3	5.4
NNE	.4	.2	.1									.7	4.2
NE	1.3	1.3	.4	.1								3.3	4.6
NNE	.3	.2	.1	.1								.2	5.3
E	2.1	2.4	1.2	.1								5.8	4.9
ESE	.4	.4	.1									1.0	4.3
SE	1.8	2.1	.3	.0								4.3	4.3
SSE	.3	.4	.1									.9	5.9
S	2.8	3.3	1.2	.1	.0							7.7	4.7
SSW	1.1	1.5	.7	.0								3.4	4.9
SW	3.8	5.9	2.6	.7	.0	.0						13.0	5.4
WSW	.9	2.1	2.3	.8	.0							6.1	7.1
W	3.1	7.1	5.3	1.6	.1							17.2	6.3
WNW	.6	1.4	1.1	.4	.0							3.4	6.6
NW	2.4	3.2	2.1	.5	.1	.0						8.3	5.8
NNW	.3	.6	.2	.1								1.4	5.3
V. RBL													
CALM												17.3	
	23.9	34.7	18.9	4.9	.3	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

1100



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-54, 56-57 MONTH AUG  
CLASS ALL WEATHER HOURS (L & T) ALL  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	.9	.2								4.5	5.1
NNE	.3	.4	.1	.0	.0							.8	4.7
NIE	1.4	1.6	.9	.3	.0							4.2	5.5
ENE	.2	.3	.3	.0								.8	6.2
E	2.6	3.0	1.4	.2								7.2	4.9
ESE	.5	.7	.2	.0								1.4	4.9
SE	2.3	2.2	.4	.0								4.9	4.1
SSE	.5	.5	.1	.0								1.1	4.2
S	2.9	4.8	1.5	.0								9.2	4.8
SSW	.8	1.5	.5	.0								2.7	4.9
SW	3.0	5.6	2.2	.3	.0							11.2	5.1
WSW	.7	1.7	1.7	.5	.0							4.6	6.8
W	3.3	5.5	4.2	1.7	.1	.0						14.9	6.5
WNW	.6	.9	1.0	.3	.0	.0						2.8	6.7
NW	2.0	2.3	1.5	.5	.0	.0						6.3	5.8
NNW	.5	.6	.2	.0								1.3	5.1
VARBL													
CALM												22.1	
	23.1	53.1	17.2	4.1	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 8104

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

ALL HEATHER  
CLASS

ALL  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.7	.1		.0						3.3	3.0
NNE	.2	.3	.1	.0								.7	4.7
NE	1.4	1.6	.5	.1								3.6	4.6
ENE	.4	.5	.3	.1								1.3	5.6
E	2.8	3.5	1.7	.4	.0							8.4	5.3
ESE	.7	.8	.3	.1								1.9	5.0
SE	2.2	2.0	.5	.0								4.7	4.2
SSE	.6	.8	.1	.0								1.3	4.2
S	2.8	3.4	1.2	.1	.0							7.4	4.7
SSW	.8	1.4	.5	.0								2.7	4.9
SW	2.8	4.9	3.1	.6	.0	.0						11.5	5.8
WSW	.6	2.0	1.9	.7	.2	.1	.0					5.5	7.8
W	2.6	5.6	4.9	1.9	.2	.0						15.2	6.9
WNW	.5	.9	.8	.4	.0							2.6	7.0
NW	1.4	2.7	1.6	.5	.0	.0						6.2	6.2
NNW	.3	.4	.2	.2								1.0	6.0
VARBL													
CALM												22.3	
	21.4	32.0	18.3	5.4	.5	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 8290

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

4657  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.5	.0	.0							3.3	4.2
NNE	.5	.4	.2	.0								1.1	4.6
NE	2.1	2.4	1.0	.5	.1							6.0	5.5
ENE	.6	.8	.6	.3	.0							2.4	6.3
E	3.1	5.2	3.8	1.0	.1							13.2	6.1
ESE	.6	.7	.4	.0								1.8	5.0
SE	1.6	1.6	.4	.0								3.6	4.2
SSE	.5	.4	.0									.9	3.8
S	2.4	2.9	1.0	.0	.0							6.3	4.6
SSW	.8	1.4	.5	.0								2.7	4.9
SW	2.2	3.8	1.8	.3								8.0	5.4
WSW	.6	1.5	1.6	.7	.1	.0						4.4	7.5
W	1.8	4.5	3.7	1.7	.2	.0						11.9	7.1
WNW	.3	.8	.6	.2	.0							1.9	6.5
NW	1.4	2.1	1.1	.2	.0	.0						4.9	5.5
NNW	.4	.4	.1	.0								.9	4.7
VARBL													
CALM												26.7	
	20.6	29.9	17.2	5.1	.5	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 8853

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.8	.3	.1	.0							2.4	4.4
NNE	.3	.2	.1	.1								.6	3.3
NE	1.5	1.5	.4	.1								3.5	4.5
ENE	.5	.3	.3	.1								1.2	3.8
E	3.5	6.1	3.5	.9	.0	.0						14.1	5.8
ESE	1.1	1.3	.6	.1								3.2	3.1
SE	2.2	2.7	.8	.2								5.8	4.7
SSE	.4	.5	.1									1.0	4.0
S	2.2	3.1	1.5	.1								6.8	5.0
SSW	.9	1.2	.5	.0								2.6	4.8
SW	2.0	4.0	3.3	1.1	.2	.1						10.7	6.9
WSW	.6	1.5	1.6	1.1	.4	.1						5.4	8.9
W	2.5	4.9	6.1	3.3	.8	.3	.0					17.9	8.3
WNW	.7	.7	.7	.5	.0							2.6	7.0
NW	1.0	1.8	.9	.3	.0	.0						4.0	3.8
NNW	.3	.3	.2			.0						.9	3.2
VARBL													
CALM												17.4	
	20.7	31.1	20.7	8.0	1.5	.5	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7866

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
CLASS ALL WEATHER HOURS (L & T) ALL  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	.3	.1								2.0	4.9
NNE	.2	.3	.1									.7	4.6
NE	1.0	1.7	.8	.1								3.6	5.2
ENE	.3	.5	.2									.9	4.6
E	4.1	5.3	2.5	.5	.0	.0						12.5	5.2
ESE	.6	.8	.3	.1								1.8	5.0
SE	1.9	2.3	.5	.1								4.8	4.5
SSE	.5	.5	.2	.0								1.2	4.8
S	1.8	2.5	1.9	.2	.0							6.4	5.6
SSW	.6	1.0	.6	.2								2.3	5.8
SW	2.7	4.1	3.2	1.6	.1							11.7	6.8
WSW	.5	1.5	2.0	1.9	.5	.3		.0				6.6	10.2
W	2.3	4.4	4.8	3.6	1.2	.6						16.9	9.0
WNW	.3	.5	.2	.3	.1	.0						1.5	8.1
NW	.8	1.4	.7	.2	.1							3.1	5.8
NNW	.1	.3	.1									.5	4.9
VARBL													
CALM												23.6	
	18.4	28.0	18.3	8.8	2.0	.9		.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7953

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 47-57 YEARS JAN MONTH  
0000-0200 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	.9	.2								2.6	6.6
NNE	.2	.2	.2									.6	3.3
NE	.6	1.6	1.4	.5								4.1	7.0
ENE	.5	.2	.5									1.2	3.3
E	3.0	3.4	3.0	.8								10.2	6.0
ESE	.7	1.5	.7	.1								3.0	3.1
SE	1.6	2.3	1.1	.2								5.2	3.4
SSE	.4	.2										.6	3.3
S	3.3	4.1	1.4	.1								8.9	4.7
SSW	.5	.9	.5	.3								2.2	6.4
SW	1.9	3.7	6.3	.9	.6	.1						13.5	7.7
WSW	.2	.9	.9	1.1	.3	.2						3.6	10.4
W	1.6	3.3	4.7	5.5	1.3	.2						18.5	9.1
WNW	.5	.4	.7	.4								2.0	7.5
NW	.5	1.3	1.1	.4								3.3	6.7
NNW		.2	.1	.1	.1							.5	10.0
VARBL													
CALM												20.1	
	15.6	27.5	23.4	10.6	2.3	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1003

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26168 STATION EROING GERMANY AIR STATION 47-57 YEARS JAN MONTH  
ALL WEATHER CLASS 0900-0500 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	.7	.2								2.8	5.6
NNE	.4	.1	.2									.7	4.6
NE	.7	1.3	1.3	.6								3.9	6.9
ENE	.5	.5	.1									1.1	3.7
E	3.1	3.7	2.6	.8								10.1	5.9
ESE	1.0	.5	.2									1.7	4.0
SE	1.8	1.7	1.0	.1								4.6	5.0
SSE	.4	.6	.5									1.5	3.3
S	2.3	3.3	2.1									7.6	5.2
SSW	.6	.8	.7	.2								2.3	6.0
SW	2.4	3.3	4.4	1.9	.4	.1						12.4	7.6
WSW	.2	1.7	2.0	1.2	.6	.4	.1					6.2	10.5
W	1.9	4.9	6.2	4.2	1.3	.3			.1			18.8	9.2
WNW	.4	.3	.2	.3		.1						1.3	7.8
NW	.4	1.3	1.2	.4								2.3	7.0
NNW	.1	.3	.1									.5	5.4
VARBL													
CALM												21.3	
	16.8	25.3	23.4	9.8	2.3	.9	.1		.1			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1008

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 ERDING GERMANY AIR STATION 47-57 JAN  
STATION NAME YEARS MONTH  
CLASS ALL WEATHER 0600-0800  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	.6									2.3	3.3
NNE		.2	.1									.3	6.0
NE	.9	2.2	1.2	.3								4.6	6.2
ENE	.8	.6	.2	.2								1.8	3.0
E	3.3	4.4	2.1	1.2								10.9	3.9
ESE	.5	.9	.1	.1								1.6	5.9
SE	2.5	1.9	.6	.3								5.2	4.7
SSE	.4	.7	.3	.1								1.5	3.3
S	2.4	3.3	1.4		.1							7.1	4.9
SSW	.8	.7	.4	.2								2.1	3.3
SW	1.8	4.5	5.3	2.3	.2							14.1	7.6
WSW	.6	1.3	2.4	2.2	.7	.6	.1					7.8	10.6
W	1.1	6.0	6.1	3.6	.7							17.5	6.2
WNW	.2	.6	.2	.1								1.1	6.1
NW	1.0	.8	.4	.4	.1							2.7	6.9
NNW		.1	.1									.2	6.0
VARBL													
CALM												19.3	
	16.7	29.3	21.5	10.9	1.8	.4	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1010



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 ERLING GERMANY AIR STATION STATION NAME 47-57 YEARS MONTH JAN  
CLASS ALL WEATHER HOURS (LST) 0900-1100  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.6	.1								2.0	6.0
NNE	.2	.1	.3	.2								.8	7.6
NE	.3	1.9	2.2	.4								4.7	7.2
ENE	.5	.6	.8	.1								2.0	6.1
E	5.1	3.5	3.9	1.3	.2	.1						14.1	6.2
ESE	1.3	1.1	.6	.1								3.0	4.8
SE	1.3	2.1	.4									3.7	4.4
SSE	.4	.5	.2									1.1	4.8
S	2.2	2.7	1.3									6.2	4.8
SSW	.2	1.2	.4									1.8	5.6
SW	1.4	4.6	4.0	1.4	.4							11.7	7.4
WSW	.6	1.6	2.1	2.4	.3	.2	.1					7.2	10.0
W	1.3	3.6	7.7	5.3	1.3	.1		.1				19.6	9.6
WNW	.4	.8	.4	.1	.2	.1						2.0	8.3
NW	.9	.9	1.2	.3								3.0	6.3
NNW	.1	.2	.1	.1								.4	6.3
VARBL													
CALM												16.8	
	16.6	26.0	25.7	11.7	2.3	.5	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	1.1	.4								3.3	6.4
NNE	.2	.1										.3	3.0
NE	.5	2.0	2.4	.8								5.7	7.7
ENE	.4	1.4	.7	.4	.1							2.9	7.0
E	3.8	5.7	3.9	.8	.2							14.4	5.8
ESE	.9	1.3	.6									2.7	5.0
SE	.5	2.4	.9									4.2	5.1
SSE	.7	.1	.1									.5	3.7
S	1.0	1.9	.1									2.9	4.5
SSW	.1	.4		.1								.6	5.3
SW	.9	2.9	3.6	1.1	.2							8.7	7.7
WSW	.3	1.4	2.3	2.7	.3							7.1	10.0
W	1.8	5.3	9.0	6.5	2.1	.4	.1					25.3	3.8
WNW	.3	.9	.6	.6	.1							2.4	8.1
NW	.8	1.3	1.4	.5								3.9	6.2
NNW	.1	.3	.1									.3	4.8
VARBL													
CALM												14.0	
	12.3	28.3	26.7	12.8	3.1	.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26168 STATION ERDING GERMANY AIR STATION 47-57 YEARS JAN  
MONTH  
1500-1700  
HOURS (L. & T.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	.6	.3								3.5	3.8
NNE	.1	.4	.1									.6	5.2
NE	1.3	2.2	1.0	.8								5.2	6.1
ENE	.6	1.2	.7	.1								2.5	5.7
E	5.2	5.6	2.8	.9	.4							14.9	5.6
ESE	1.6	1.4	.2									3.2	4.2
SE	2.2	2.2	.3									4.6	4.3
SSE	.3											.3	3.0
S	1.4	2.1	.5									3.9	4.6
SSW	.2	.8	.2	.1								1.3	6.2
SW	1.8	3.4	3.8	1.2	.2							10.4	7.0
WSW	.5	.9	2.3	1.8	.2	.2						5.8	9.6
W	2.0	4.8	6.8	5.4	1.2	.2	.2					20.5	9.4
WNW	.5	.8	.5	.4	.1							2.3	7.2
NW	.8	1.1	.6	.6	.2							3.2	7.5
NNW	.2	.3	.4									.9	5.9
VARBI													
CALM												17.0	
	19.2	28.8	20.6	11.5	2.3	.4	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
FOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.4									2.3	4.8
NNE	.2	.3	.3	.1								1.1	3.9
NE	1.2	1.3	1.7	.5								4.7	6.4
ENE	.1	.6	.6	.1								1.4	6.9
E	4.0	3.9	1.9	1.0	.1							10.8	5.4
ESE	1.0	.5	.6									2.3	3.0
SE	2.4	4.0	.5	.2								7.0	4.5
SSE	.3	.6										.9	3.7
S	1.9	3.1	.6									5.6	6.6
SSW	.6	.9	.6									2.1	5.4
SW	.1	3.0	3.8	1.7	.2							11.4	7.3
WSW	.3	1.3	2.1	1.0	.6	.1						5.6	9.1
W	1.8	3.4	7.1	4.6	1.1	.4			.1			20.4	9.1
WNW		.3	.1	.2								1.4	7.9
NW	.4	1.1	.5	1.0	.1							3.1	8.7
NNW		.2	.3	.1								.6	8.5
VARBL													
CALM												19.4	
	16.0	29.9	21.4	10.4	2.1	.5			.1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1009

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34166 STATION 47-27  
ERDING GERMANY AIR STATION  
CLASS ALL WEATHER  
CONDITION  
JAN  
2100-2300  
MONTH  
HOURS (L T)

SPEED (KNTS) DIP.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.5	.1								2.6	3.4
NNE		.1	.2									.3	0.0
NE	.8	1.6	1.0	1.0								4.4	7.2
ENE	.4	.2	.5									1.1	3.3
E	4.1	4.6	2.4	1.1								12.1	5.7
ESE	.6	1.2	.7	.1								2.6	3.7
SE	2.4	2.1	.2									4.7	3.8
SSE	.3	.4	.1									.8	4.5
S	1.9	3.7	1.8									7.4	9.1
SSW	.5	1.2	1.2									2.9	3.9
SW	1.8	3.9	3.4	1.3	.3	.1						10.7	7.3
WSW	.2	1.9	2.5	1.8	.4							6.9	9.2
W	1.1	4.6	6.9	5.0	1.5							19.0	9.3
WNW	.3	.5	.4	.2								1.4	7.3
NW	.8	1.0	1.5	.3	.1							3.7	6.9
NNW	.2	.1	.2	.2								.7	7.6
VARBL													
CALM												13.7	
	16.1	28.2	23.4	11.0	2.3	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1006

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.3	.8	.2								2.4	6.0
NNE		.1	.4									.5	7.4
NE	1.1	2.1	1.4	.3	.1							5.0	6.1
ENE	.1	.6	.3	.5								1.6	8.0
E	3.0	4.0	2.8	.8	.1							10.6	6.0
ESE	.5	.3	.1									1.0	4.2
SE	1.6	2.3	.6									4.5	4.8
SSE	.4	.6	.2	.1								1.4	5.5
S	1.1	4.4	2.6	.1								8.1	5.8
SSW	.5	.7	.4	.1								2.8	5.3
SW	2.6	3.5	3.0	1.8	.3							11.3	7.3
WSW	.2	.5	.3	1.6	.4							6.0	9.6
W	2.1	3.9	4.8	5.4	1.2			.1				17.5	9.3
V/NW	.1	.2	.2	.5	.1							1.2	10.2
NW	1.0	.5	.6		.1							2.3	5.7
NNW	.4	.2	.1	.3								1.1	6.7
VARBL													
CALM												22.8	
	15.9	26.4	20.7	11.8	2.4			.1				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

0300-0500  
HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.5	.1								2.6	5.9
NNE	.6	.1	.4	.2								1.4	5.8
NE	1.5	2.6	1.4	.5								6.0	5.6
ENE	.1	.1	.1	.2	.1							.6	10.0
E	2.8	4.6	2.7	.5	.2							10.8	6.0
ESE	.3	1.1	.3	.1								1.8	5.2
SE	2.4	2.1	1.1									5.6	4.5
SSE	.2	.5	.6	.1								1.5	6.7
S	1.1	2.5	1.5	.2								5.8	5.7
SSW	.8	.9	.4	.4								2.5	6.0
SW	1.3	3.4	2.8	1.6	.3							9.4	7.5
WSW	.4	.6	3.1	1.7	.3							6.2	9.4
W	3.0	4.0	5.5	5.0	1.2	.2						18.9	9.1
WNW	.4	.4	.2	.8								1.8	8.4
NW	.4	.9	1.1	.1								2.5	6.4
NNW	.1	.4				.1						.6	7.5
VARBL													
CALM												22.5	
	16.1	25.5	21.8	11.7	2.1	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

939

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 ERDING GERMANY AIR STATION 47-57 YEARS FEB MONTH  
CLASS ALL WEATHER HOURS (LST) 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	.4	.4								3.2	5.9
NNE		.3	.6	.1								1.1	8.0
NE	1.2	1.5	1.8	.2								4.7	6.0
ENE	.3	.3	.5									1.2	5.3
E	2.9	5.5	2.0	.8	.2	.1						11.5	6.0
ESE	.2	.6	.4									1.3	6.1
SE	1.8	2.5	.9	.1								5.3	5.0
SSE	.3	.5	.1									1.0	4.2
S	1.7	2.6	1.3	.3								5.9	5.4
SSW	.6	.6	1.2	.1								2.6	6.3
SW	1.8	4.2	3.1	2.0	.1	.1						11.4	7.3
WSW	.6	1.6	1.9	1.9	.5	.3						7.0	10.0
W	2.8	4.9	5.1	3.4	.9	.2						17.4	8.3
WNW	.3	.2	1.0	.3								1.8	8.5
NW	1.3	.8	.5	.3								2.9	5.5
NNW	.3	.4	.1			.3						1.2	9.5
VARBL													
CALM												20.8	
	17.1	28.1	21.1	10.1	1.7	1.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 933



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.5	.6	.2								4.2	3.0
NNE	.2	.4	.1	.1								.9	3.6
NE	1.1	2.4	.9	1.2								5.5	7.1
ENE	.2	.9	.5	.2								1.8	6.3
E	2.5	4.8	3.1	1.0	.1	.1						11.6	6.4
ESE	.8	.5	.9									2.1	5.4
SE	2.0	2.9	1.2									6.1	4.8
SSE	.2	.3	.3									.9	5.5
S	.9	1.5	.5									2.9	4.8
SSW	.3	.3	.6									1.3	6.2
SW	1.0	2.9	1.8	1.5	.1							7.3	7.7
WSW	.5	.4	2.9	1.9	.6	.3						6.8	10.9
W	2.9	4.7	6.2	4.8	1.4	.5						20.6	9.2
WNW	.9	.8	.9	.3	.2							3.0	7.0
NW	1.3	1.6	1.3	.6	.2							5.0	6.9
NNW	.4	.3		.2		.3						1.3	10.2
VARBL													
CALM												18.9	
	16.9	29.3	21.9	12.1	2.7	1.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

36168 ERGING GERMANY AIR STATION

47-57

FEB

ALL WEATHER

1200-1400  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	1.3	.3								3.1	5.4
NNE	.3	.1	.2									.6	2.2
NE	1.3	1.9	2.5	1.6	.2							7.3	7.7
ENE	.3	.4	.5	.1								1.6	6.1
E	3.1	6.0	3.6	1.6	.1							14.5	6.4
ESE	.4	1.0	.3									1.7	3.1
SE	.3	2.1	.6									3.1	5.7
SSE	.1	.3	.4									.9	6.4
S	.6	1.2	.5									2.5	5.2
SSW	.2	.3	.1	.1								.8	5.9
SW	.3	.6	1.6	.6	.1							3.5	7.9
WSW	.2	.5	1.9	1.9	.6	.3	.2					5.8	12.6
W	2.6	4.3	7.9	7.0	1.2	.6	.1					23.7	9.8
WNW	.3	1.3	1.3	.5	.2							3.6	8.2
NW	2.4	2.8	1.7	1.5	.1							8.3	6.9
NNW	.4	.5	.2		.2	.1						1.5	7.9
VARBL													
CALM												15.3	
	15.1	25.4	24.9	15.1	2.8	1.1	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34100  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	.8	.4	.2	.1						5.1	6.5
NNE	.5	.5	.2									1.3	4.6
NE	1.3	2.9	1.7	1.4								7.3	6.9
ENE	.4	1.0	.5	.2								2.1	6.5
E	2.5	4.6	4.2	1.2								12.4	6.3
ESE	.5	1.2	.2									1.9	4.6
SE	1.0	1.8	.6	.1								3.5	4.9
SSE		.1										.1	4.0
S	.4	1.1	.5	.1	.1							2.3	6.1
SSW	.1	.3			.1							.3	6.6
SW	1.2	1.4	1.5	1.4		.1	.1					5.7	6.1
WSW	.2	.9	2.8	2.6	.6	.4	.1					7.6	11.8
W	1.9	5.7	6.6	4.6	1.0	.9						20.7	9.2
WNW	1.0	1.1	1.2	.2								3.4	6.0
NW	1.8	1.8	2.6	.5	.2							7.0	6.7
NNW	.2	.1	.4									.8	6.9
VARBL													
CALM												18.2	
	14.4	26.8	23.9	12.8	2.3	1.8	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

933

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26168 STATION ERDING GERMANY AIR STATION 47-57 YEARS FEB MONTH  
1800-2000 HOURS (LST)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	.6	.1								3.6	5.1
NNE	.5	.4	.1		.1							1.2	5.4
NE	1.1	2.6	2.0	.8								6.4	6.4
ENE	.4	.3	1.0	.1								2.0	6.5
E	2.4	3.9	2.3	1.4	.2							10.1	6.6
ESE	1.4	.2	.1									1.7	3.3
SE	2.1	2.1	.9									5.2	4.7
SSE	.6	.8										1.4	3.9
S	1.2	3.0	1.3	.2	.1							5.8	5.9
SSW	.4	.6	.5	.1								1.7	5.8
SW	2.1	3.3	3.1	.9	.2							9.7	6.6
WSW	.3	1.1	1.7	1.3	.6	.1						5.2	10.0
W	2.0	5.4	6.0	4.6	.8	.4						19.2	8.8
WNW	.2	.4	.3	.5	.2							1.7	9.4
NW	1.7	1.7	1.2	.6								5.3	6.0
NNW	.1	.3	.3									.8	6.1
VARBL													
CALM												19.1	
	18.1	27.9	21.5	10.6	2.3	.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.6									3.0	4.2
NNE	.4	.4										.9	3.8
NE	1.6	2.1	1.4	.3								5.5	5.7
ENE	.5	.9	.4	.4								2.3	6.8
E	2.4	3.3	3.0	.8	.3							9.8	6.5
ESE	.9	1.4	.3									2.6	4.3
SE	1.7	2.5	1.5									5.7	5.0
SSE	.4	.3	.3									1.1	4.7
S	2.0	2.8	1.4	.3	.2							6.8	5.7
SSW	.3	1.0	.9									2.1	5.7
SW	2.5	3.1	4.2	1.7	.3							11.8	7.3
WSW	.1	1.2	1.0	1.7	.1	.1						4.2	9.9
W	1.5	3.4	5.9	5.2	1.4	.4						19.7	9.7
WNW	.3	.6	.5	.4								1.9	7.3
NW	1.1	1.2	.4	.3	.1							3.1	6.2
NNW		.2		.1	.1							.4	9.3
VARBL													
CALM												19.2	
	17.4	27.1	21.9	11.3	2.6	.5						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 932

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/YAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.6	.1								2.0	6.3
NNE	.4		.1									.3	3.8
NE	.3	.9	.5	.2								1.9	6.4
ENE	.2	.4	.4	.1								1.1	6.2
E	2.9	6.3	3.7	1.3								14.4	6.1
ESE	.5	.9	.3	.5								2.2	6.9
SE	2.2	3.2	1.2	.1								6.7	4.9
SSE	.2	.4	.1	.2								.9	6.1
S	3.1	3.0	2.2	.3								8.7	5.3
SSW	.3	1.6	1.3	.2								3.3	6.6
SW	3.0	4.2	4.4	1.1								12.7	6.2
WSW	.3	1.0	2.3	1.3		.1						3.0	8.7
W	2.0	3.2	4.5	2.7	.2	.2	.1					12.9	8.4
WNW	.3	.2	.9	.4	.1							1.9	8.6
NW	.3	1.6	1.1	.5	.3	.1						4.3	7.6
NNW		.7	.1	.1								.9	6.7
VARBL													
CALM												20.4	
	16.7	28.7	23.9	9.2	.6	.4	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION 24168 ERODING GERMANY AIR STATION STATION NAME 47-57 YEARS MAP MONTH 0300-0300 HOURS (LST)

ALL WEATHER CLASS

ADDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.4									2.3	4.8
NNE		.3	.2									.5	3.8
NE	.7	1.0	1.1	.2								2.9	6.2
ENE	.4	.1	.4	.3								1.2	7.9
E	2.8	3.8	2.3	1.0								11.9	5.6
ESE	.7	.3	.8	.6								2.4	8.0
SE	2.0	2.9	1.5									6.4	5.0
SSE	.6	.4										1.0	3.0
S	2.0	3.2	1.6	.3								7.1	5.2
SSW	.5	1.8	1.2									3.5	5.9
SW	3.2	5.2	3.9	1.4	.2							14.2	6.3
WSW	.2	.7	2.2	1.7	.2	.2						3.1	10.4
W	2.1	4.4	3.3	2.4	.9	.3						13.3	8.3
WNW	.4	.1	.4	.9	.2							2.0	9.9
NW	.4	.3	1.9	.4								3.4	7.4
NNW	.2	.3	.4									.9	6.4
VARBL													
CALM												22.0	
	17.3	28.2	21.4	9.0	1.5	.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	1.1	.2								2.5	7.4
NNE	.2	.1										.3	3.7
NE	.7	1.4	1.1	.7								3.8	6.7
ENE	.3	.7	.6	.1								1.7	6.4
E	3.1	5.9	3.2	1.3								12.9	6.1
ESE	1.0	1.6	.9	.3								3.7	5.9
SE	1.9	2.0	1.1	.1								5.0	4.9
SSE	.4	.2										.7	3.7
S	2.4	2.5	.9									5.9	4.5
SSW	.7	1.3	1.5	.1								3.5	6.1
SW	2.4	4.9	4.0	1.4	.4	.1						13.2	7.0
WSW	.7	1.0	2.2	1.6	.2	.2	.1					5.4	10.4
W	1.8	3.0	4.4	2.6	.1	.2						12.1	8.2
WNW	.2	.3	.6	.5	.1							1.7	9.2
NW	.7	1.4	1.5	.8	.2							4.2	7.8
NNW	.2	.1		.2								.5	7.4
VARBL													
CALM												22.6	
	19.4	26.6	22.9	9.9	1.0	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1022



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24100 STATION NAME ERDING GERMANY AIR STATION YEARS 47-57 MONTH MAR  
CLASS ALL WEATHER HOURS (LST) 0000-1100  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	1.4	.4								4.7	5.7
NNE	.2	.3		.1								.5	5.2
NE	1.5	1.5	1.0	.7	.1							4.7	6.3
ENE	.3	.6	.4	.3								1.6	6.7
E	2.3	6.6	6.5	1.6								17.0	6.6
ESE	.9	2.1	1.7	.3								4.9	6.3
SE	.4	1.7	1.2	.1								3.3	6.2
SSE	.2	.1	.2									.5	5.2
S	.6	.8	.5									1.9	5.2
SSW	.3	.2	.6									1.1	5.8
SW	2.1	2.2	2.8	1.7	.2	.2	.1					9.2	7.8
WSW	.4	1.2	2.0	1.8	.4							5.7	9.7
W	1.7	6.6	4.3	3.9	.6	.9	.1					17.7	8.7
WNW	.6	.9	1.0	.8								3.2	7.8
NW	1.4	1.4	1.9	1.8	.8							7.1	8.9
NNW	.2	.4	.1	.5	.1	.1						1.4	9.5
VARBL													
CALM												15.3	
	14.4	27.9	25.3	13.8	2.2	.9	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26168 STATION BRIDG GERMANY AIR STATION 67-57 YEARS MAR MONTH  
1200-1400 HOURS (L & T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.8	1.3	.5	.1							6.9	5.5
NNE	.2	.8	.1	.1								1.2	3.6
NE	2.5	2.6	1.4	.9								7.4	5.7
ENE	.4	1.1	.7	.6								2.7	7.5
E	1.8	6.5	7.4	2.6								18.3	7.4
ESE	.5	.9	1.1	.5								2.9	7.3
SE	1.0	1.3	.6	.3								3.1	5.6
SSE	.1	.1	.2									.5	7.4
S	.5	.4	.1	.1	.1							.2	5.6
SSW	.1	.4	.2	.1								.8	6.6
SW	.6	1.1	1.2	1.1								3.9	8.0
WSW	.2	1.0	1.3	1.3	.3	.3		.1				4.4	11.3
W	1.9	4.0	5.3	4.5	.9	.4	.2	.1				17.2	9.6
WNW	.2	.5	2.0	1.3								3.9	9.4
NW	1.8	4.6	4.3	2.2	.1							11.0	7.8
NNW	.6	.9	.7	.7								2.8	7.0
VARBL													
CALM												11.6	
	14.5	26.9	27.8	16.7	1.5	.7	.2	.2				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

20100 STATION ERDING GERMANY AIR STATION 47-57 YEARS MAR  
STATION NAME MONTH  
1300-1700  
HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	1.4	.2	.1							6.7	5.4
NNE	.1	.7	.2	.1								1.1	3.8
NE	1.6	4.1	1.7	.5								7.8	5.6
ENE	.4	1.0	1.3	.3								2.9	6.9
E	3.6	8.3	7.8	1.8		.1						21.6	6.7
ESE	.2	1.0	1.1	.2								2.4	7.0
SE	1.0	1.4	.2	.1								2.6	4.4
SSE	.1	.1	.2									.4	6.3
S	.4	.2	.6									1.3	6.2
SSW	.2	.2	.4	.1								1.0	6.2
SW	.5	2.2	.9	.4								3.9	6.4
WSW	.3	.3	1.7	.5	.1							2.8	8.9
W	1.8	4.4	5.9	3.6	.6	.5	.2					17.0	9.2
WNW	.1	.7	2.0	.6	.1	.2						3.6	9.3
NW	1.9	2.3	4.3	1.6	.1							10.2	7.4
NNW	.4	.8	1.1	.4	.1							2.7	7.8
VARBL													
CALM												11.8	
	16.3	31.0	20.5	10.3	1.1	.8	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
BTAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.2	.6	.1								3.4	4.7
NNE	.5	.4										2.9	3.6
NE	2.1	2.2	.3									4.6	5.1
ENE	1.0	1.1	.6									2.6	4.7
E	4.3	7.9	4.3	1.1								17.6	7.7
ESE	.8	.9	.7	.2	.3							2.8	3.3
SE	2.1	3.1	1.2	.1								6.5	5.0
SSE	.2	.3	.3									.8	3.4
S	2.0	2.4	.8	.1								6.3	4.7
SSW	.6	1.0	.3									1.9	4.6
SW	1.6	4.0	1.8	.5								7.8	5.8
WSW	.2	1.3	1.8	.6	.1							3.9	7.7
W	2.4	3.4	3.1	1.7	.9	.3	.2					13.9	8.0
WNW	.6	.8	.6	.7	.3	.1						3.0	8.8
NW	.9	2.5	1.1	.8	.3	.1						5.7	7.5
NNW	.4	.2	.4	.1								1.1	6.4
VARBL													
CALM												13.2	
	21.0	25.7	7.6	3.9	1.9	.3	.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 EROING GERMANY AIR STATION

47-57

MAR

ALL HEATHER

2100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.6	.2	.2							2.0	7.6
NNE	.3	.2	.1									.6	6.0
NE	1.2	1.1	.5									2.8	4.3
ENE	.2	.5	.5									1.2	6.0
E	3.6	6.4	3.0	1.0	.3							14.3	6.0
ESE	.4	.8	.3	.6								2.2	7.8
SE	2.1	2.9	1.0	.4								6.4	5.2
SSE		.7	.4									1.1	6.0
S	2.4	4.2	1.6									8.3	4.8
SSW	.7	1.2	.5	.1								2.4	3.1
SW	2.2	3.2	3.8	.8			.1					12.1	6.2
WSW	.3	1.2	1.6	.7	.1	.3						4.3	8.8
W	1.8	4.3	3.4	2.6	.7							13.0	8.2
WNW	.3	.7	.4	.3	.5							2.3	9.0
NW	.9	1.0	.9	.7								3.4	7.1
NNW	.3	.4		.1								.8	3.4
VARBL													
CALM												20.8	
	17.7	31.3	20.6	7.4	1.8	.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 47-57 MONTH APR  
CLASS ALL WEATHER HOURS (LST) 0000-0200  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.1									2.6	4.1
NNE	.2	.1										.3	3.0
NE	.8	1.6	.7									3.1	3.2
ENE	.4	.4	.7									1.5	3.9
E	2.1	4.1	1.3	.2								7.8	4.9
ESE	.2	.3	.2	.1								.8	6.0
SE	1.8	1.8	.8									4.4	4.5
SSE	.7	.6										1.3	3.6
S	3.2	3.8	1.6	.3								9.0	5.1
SSW	.9	2.0	1.1									4.0	5.5
SW	2.8	6.0	3.1	1.6		.1						15.6	6.6
WSW	.9	2.7	2.6	.7								7.0	6.8
W	1.9	4.1	3.2	1.3	.1	.3						11.0	7.0
WNW	.2	.7	1.0	.5								2.4	7.8
NW	1.2	2.1	1.4	.4	.1							5.3	5.9
NNW	.3	.3	.2									1.0	4.6
VARBL													
CALM												22.8	
	19.3	32.0	20.1	5.2	.2	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.0									2.9	3.4
NNE	.3	.3										.6	4.0
NE	1.0	1.0	.5									2.5	4.5
ENE	.1	.7	.4	.1								1.3	6.5
E	2.3	3.4	1.4	.2								7.4	8.0
ESE	.2	.1	.2	.3								.8	8.4
SE	1.0	1.6	.5									3.1	4.5
SSE	.6	.5	.4									1.5	4.7
S	2.3	4.1	2.1									8.6	5.1
SSW	1.2	2.9	.7									4.8	4.9
SW	2.7	6.6	4.3	1.7	.3							16.2	6.7
WSW	.3	1.1	2.0	.5	.1							4.0	8.0
W	2.5	4.6	3.4	1.3	.8	.1						12.8	7.2
WNW	.7	.7	.5	.3								2.2	6.5
NW	1.3	2.4	1.4	.3	.1							5.6	5.9
NNW	.1	.3	.3									.7	6.1
VARBL													
CALM												24.8	
	17.4	31.8	19.8	4.7	1.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-57 MONTH APR  
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	1.9	.3								5.9	5.6
NNE			.3									.3	7.7
NE	1.3	1.0	.6	.2								3.1	9.1
ENE	.2	.6	.8	.1								1.6	6.8
E	2.1	3.8	3.4	.8	.1							10.2	6.4
ESE	.4	.5	.5	.1								1.4	6.5
SE	1.5	1.3	.2									3.1	4.3
SSE	.4	.4	.1									.9	4.1
S	2.9	2.3	2.1									7.3	4.9
SSW	.2	1.1	.6									1.9	9.8
SW	2.5	4.9	3.5	1.0	.2	.2						12.2	6.7
WSW	.4	2.1	1.9	.8								5.2	7.4
W	2.6	5.3	4.9	2.9	.2	.1						15.9	7.5
WNW	.4	.6	1.1	.2								2.3	7.0
NW	1.5	2.4	1.3	.3								5.5	5.5
NNW	.3	.4	.6	.1								1.8	6.4
VARBL													
CALM												21.8	
	18.2	28.7	28.9	6.7	.5	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1048



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 ERDING GERMANY AIR STATION

46-57

APR

ALL WEATHER

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.2	1.9	.9								8.1	6.0
NNE	.1	.3										.4	4.0
NE	1.6	2.1	1.7	.6								5.9	5.9
ENE	.1	.8	.8	.5								2.2	8.0
E	2.3	3.8	4.0	2.6								12.8	7.4
ESE		.3	.8	.5								1.3	9.6
SE	1.4	.6	.9	.5								3.4	6.3
SSE	.1	.1										.2	3.0
S	.9	.8	.8	.2								2.6	5.7
SSW	.1	.3	.4	.1								.8	7.2
SW	2.3	2.8	2.9	1.7	.1	.2						10.0	7.2
WSW	.4	1.0	1.1	1.1	.2	.1						3.9	9.1
W	2.3	3.2	3.2	4.1	1.4	.4						16.6	9.3
WNW	.4	1.2	2.1	1.6		.1						3.4	8.3
NW	2.3	3.4	2.4	.7	.1	.1						9.0	6.1
NNW	.2	1.2	.8	.4								2.9	7.1
VARBL													
CALM												14.3	
	16.6	23.1	25.8	15.4	1.8	.8						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1065

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-57 MONTH APR  
CLASS ALL WEATHER HOURS (LST) 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.7	2.7	.7								9.6	5.9
NNE	.4	.9	.4	.4								2.1	6.6
NE	2.2	2.9	2.0	.7								7.8	6.1
ENE	.4	.4	1.3	.9								3.0	8.6
E	1.8	3.3	4.6	2.3	.1							12.1	7.6
ESE	.2	.2	1.0	.5								1.9	8.5
SE	1.1	1.7	.9	.7								4.4	6.5
SSE	.1	.1		.2								.3	8.8
S	.8	.6	.8	.1								2.3	6.0
SSW	.2	.2										.4	3.6
SW	1.3	1.7	2.0	.7		.3	.1					6.0	7.8
WSW	.1	.7	.6	1.4	.4							3.1	11.1
W	1.7	3.1	6.1	6.3	.9	.4						18.4	9.8
WNW		.7	1.3	1.0	.1	.1						3.3	10.3
NW	2.3	2.9	4.3	1.8	.4	.1	.1					11.9	7.8
NNW	.7	1.1	.2	.4	.1							2.6	6.3
VARBL													
CALM												10.7	
	15.8	29.1	28.3	18.2	2.0	.8	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1068

DATA PROCESSING DIVISION  
STAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-57 MONTH APR  
CLASS ALL WEATHER HOURS (L S T.) 1500-1700  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.2	2.1	1.0	.1							9.0	6.0
NNE	.3	.4	.4	.3								1.3	7.6
NE	2.7	4.5	3.4	.9	.1							11.3	6.1
ENE	.1	.8	.7	.1								1.6	6.9
E	2.2	5.4	3.7	.9		.1						12.2	6.3
ESE	.1	.3	.7	.3								1.3	8.4
SE	1.3	1.1	1.6	.3								4.4	6.3
SSE	.1	.1	.4	.1								.7	7.7
S	.5	.6	.8	.6								2.4	7.5
SSW	.1	.2	.5	.3								1.0	8.5
SW	.4	2.1	1.5	.6	.7							3.2	8.5
WSW	.3	.8	.9	.6								2.6	7.8
W	1.4	3.8	6.1	4.5	.8	.3						17.1	9.3
WNW	.3	1.0	.7	.9	.1							2.9	8.4
NW	1.5	5.4	4.9	2.7	.4							19.0	7.7
NNW	.6	1.4	.6	.1								2.7	5.5
VARBL													
CALM												9.2	
	14.2	31.1	28.8	14.0	2.1	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1035

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/KAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 26168 STATION NAME ERDING GERMANY AIR STATION YEARS 47-57 MONTH APR  
CLASS ALL WEATHER HOURS (L S T) 1800-2000  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.8	2.4	1.5	.4								6.2	5.8
NNE	.4	.2	.3									.9	4.9
NE	2.2	3.2	1.4	.3								7.2	5.0
ENE	.6	1.0	.2									1.8	4.3
E	3.9	5.3	1.9	.3								11.4	4.7
ESE	.3	.2	.2									.7	5.1
SE	2.2	2.9	.7									5.9	4.4
SSE	.6	.7	.1									1.4	4.1
S	.7	1.3	1.3	.3								4.0	6.2
SSW	.5	.7	.4									1.6	5.1
SW	2.1	2.8	2.6	.7								9.3	6.1
WSW	.6	2.1	2.0	.3	.3							5.4	7.3
W	1.9	3.2	4.1	1.7	.4							13.4	7.2
WNW	.5	1.7	.6	.1	.2	.1						3.2	6.8
NW	2.7	3.2	1.4	.7	.1							8.2	5.6
NNW	.6	1.0	.6									2.4	4.9
VARBL													
CALM												16.9	
	22.1	35.3	19.7	4.9	1.0	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 988

DATA PROCESSING DIVISION  
ETAC/JAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

APR  
MONTH

2100-2300  
HOURS (L & T)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	.9	.1								3.8	5.6
NNE	.3	.3	.1									.7	4.1
NE	.6	2.3	.8	.1								3.9	5.7
ENE		.2	.3									.5	7.0
E	3.4	3.8	1.6	.4								9.2	5.0
ESE	.2	.8										1.0	4.7
SE	2.1	3.8	.4									6.3	4.3
SSE	.7	1.6	.1									2.4	4.4
S	2.1	4.2	2.3	.4								9.1	5.7
SSW	.5	1.9	.9	.1								3.4	5.6
SW	2.6	5.3	4.6	1.4	.1							14.0	6.5
WSW	.6	2.0	2.1	1.2								6.0	7.5
W	2.3	5.5	3.0	1.1	.4	.1						12.5	6.8
WNW	.1	.9	.3	.1								1.4	6.2
NW	1.7	2.3	1.0	.2								5.3	5.3
NNW	.6	1.0	.2	.2								2.0	5.1
VARBL													
CALM												18.5	
	19.0	37.8	18.8	5.4	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

986

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.2	.7									3.4	4.4
NNE	.2	.5		.1								.8	5.1
NE	1.1	1.6	.6	.3								3.7	5.5
ENE	.5	.4	.2	.2								1.3	6.0
E	3.1	2.9	.7	.4	.4							7.6	5.4
ESE	.4	.2	.1									.7	4.0
SE	2.1	1.4	.6	.1								4.1	4.2
SSE	.8	.1	.3									1.2	4.2
S	3.7	4.5	.9	.1								9.2	4.4
SSW	1.7	1.8	.3									3.7	4.2
SW	4.2	6.1	2.6	.6								13.4	3.3
WSW	1.5	2.5	1.8	.2								5.9	3.6
W	1.8	4.2	3.3	.4								9.7	6.0
WNW	.5	.6	.3									1.4	4.6
NW	1.0	2.3	.8	.2								4.2	3.3
NNW	.3	.8	.7	.1								1.9	3.9
VARBL													
CALM												27.8	
	24.3	30.9	12.7	2.8	.4							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1019

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 47-57 MONTH MAY  
CLASS ALL WEATHER HOURS (LST) 0300-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.6									3.2	4.5
NNE	.3		.1									.4	3.8
NE	1.2	1.6	1.5	.5	.1							4.8	6.6
ENE	.2	.2	.3	.2								.9	8.0
E	2.5	2.0	.8	.1	.3	.1						5.8	5.5
ESE	.4	.8		.1								1.3	4.6
SE	2.7	1.0	.4									4.1	8.6
SSE	.9	.2	.2									1.3	3.5
S	4.4	4.9	1.2	.1								10.6	4.3
SSW	1.5	1.6	.2									3.2	4.1
SW	4.9	6.0	2.5	.4								13.7	4.9
WSW	.5	1.7	1.1	.5								3.7	6.7
W	3.7	4.8	3.4	.5								12.5	5.7
WNW	.5	.9	.4	.2	.1							2.1	6.4
NW	2.0	1.4	1.0	.1								4.4	4.7
NNW	.5	.2	.2	.1								1.0	5.3
VARBL													
CALM												27.1	
	27.5	28.3	13.7	2.7	.5	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1020

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME BREITING GERMANY AIR STATION YEARS 46-57 MONTH MAY  
CLASS ALL WEATHER HOURS (LST) 0600-0800  
COORDINATE

SPEED (KNTS) DIF	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	1.3	.8	.3								4.9	5.0
NNE	.3	.4	.3	.2								1.2	3.8
NE	1.7	1.7	2.2	.6								6.3	6.4
ENE	.4	.4	.7									1.4	6.0
E	3.6	4.4	2.9	.4	.2							11.6	5.6
ESE	.5	.7	.1									1.3	4.2
SE	2.5	1.2	.4									4.1	3.8
SSE	.5	.4	.2									1.1	4.0
S	1.7	1.6	.6	.1								4.0	4.3
SSW	.3	.4	.2									1.0	4.8
SW	4.8	4.0	2.8	.2								11.9	5.1
WSW	.2	.2	.4	.4								4.2	6.7
W	1.6	4.9	3.5	.9								14.9	5.3
WNW	.1	.4	.5	.4								2.3	6.0
NW	3.0	2.4	1.3									6.7	4.7
NNW	.3	.4	.2	.4								1.6	6.7
VARBL													
CALM												20.4	
	27.4	27.9	20.4	3.8	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1114



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

36168 ERLING GERMANY AIR STATION

46-57

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.1	2.1	.2								9.3	5.1
NNE	.4	.9	.2	.2								1.6	5.6
NE	4.2	4.1	4.3	1.3	.3							12.3	6.1
ENE	.4	.6	.8	.3								2.1	6.7
E	1.8	4.9	4.6	1.8								13.0	6.9
ESE	.4	.5	1.0	.1								2.1	6.3
SE	.8	1.4	1.4	.2								3.9	6.0
SSE	.3	.2										.8	3.9
S	1.1	1.0	.2									2.2	4.0
SSW	.3	.4		.1								.8	5.0
SW	2.2	2.2	1.8									6.3	5.0
WSW	.2	.7	.8	.4								2.2	7.3
W	2.9	5.6	6.2	1.3	.2							16.2	6.8
WNW	.4	1.1	1.1	1.0	.1							3.6	8.3
NW	2.3	4.4	2.7	.3	.1							10.6	5.9
NNW	.3	.4	.5	.1								1.3	6.4
VARBL													
CALM												11.8	
	20.8	33.5	23.7	7.5	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1113

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDI G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.8	2.2	1.1	.1							9.8	6.1
NNE	.6	1.3	.4	.2								2.3	5.6
NE	3.4	5.0	3.7	1.8	.2							14.1	6.7
ENE	.5	.6	1.2	.3								2.6	7.0
E	2.9	5.4	4.0	1.2	.2							13.7	6.5
ESE	.7	.4	.4									1.5	5.1
SE	.7	2.0	.8		.1							3.6	5.6
SSE	.1	.5										.6	4.9
S	.4	1.0	.2									1.6	5.1
SSW	.2	.4										.5	4.5
SW	1.0	1.2	1.0	.1								3.2	5.6
WSW	.2	.9	.9	.5								2.5	7.9
W	3.2	5.0	4.4	1.6	.1							14.4	6.6
WNW	.3	1.4	1.3	.4								3.4	7.0
NW	2.3	5.2	4.0	1.3		.1						12.8	6.5
NNW	.5	1.8	1.6	.3								4.2	6.4
VARBL													
CALM												8.8	
	19.7	35.8	26.3	8.6	.6	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

1113

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDI G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.3	3.8	1.2								11.9	6.4
NNE	.8	1.0	.6	.2								2.6	5.5
NE	3.2	6.5	3.6	1.4								14.7	6.2
ENE	.1	1.1	.8	.5	.1							2.6	7.5
E	2.4	5.4	4.2	1.7								13.6	6.6
ESE	.5	1.2	.4									2.0	5.0
SE	1.0	1.3	.6	.2								3.1	5.4
SSE	.2	.3										.5	3.8
S	.7	.9	.5	.2								2.3	5.8
SSW	.2	.2	.2									.6	4.7
SW	1.8	1.7	1.0	.5	.1							5.1	6.0
WSW	.5	.6	.5	.6								2.1	7.1
W	2.8	4.0	4.1	1.3								2.1	6.5
WNW	.3	1.2	.6	.2								2.3	6.6
NW	2.6	5.2	4.0	1.0	.1							12.8	6.4
NNW	.4	1.1	.7	.3								2.5	6.3
VARBL													
CALM												9.1	
	20.1	35.9	25.4	9.1	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1082

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

36168 STATION ERDING GERMANY AIR STATION 47-57 YEARS MAY  
CLASS ALL WEATHER MONTH 1800-2000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.7	2.2	.3								7.6	5.5
NNE	.6	.4	.3	.1								1.4	4.7
NE	2.6	4.3	1.6	.8	.3							9.6	5.8
ENE	.4	.4	.1	.1								1.0	4.8
E	4.6	5.9	2.2	.6	.1							13.5	5.0
ESE	.3	1.1	.4									1.8	4.9
SE	2.2	2.6	1.4									6.3	4.8
SSE	1.0	.3										1.3	3.2
S	2.2	2.6	.3									5.1	4.3
SSW	.2	.6	.4			.1						1.3	7.1
SW	1.5	2.8	1.6	.5								6.4	6.0
WSW	.8	1.1	.8	.4								3.0	6.2
W	3.0	3.8	3.0	.7		.1						10.7	5.9
WNW	.3	.9	.6	.2								2.0	6.6
NW	2.2	3.1	2.2	1.0	.1							8.6	6.3
NNW	.6	.8	.1	.3	.1							1.9	6.7
VARBL													
CALM												18.9	
	25.0	33.4	17.0	4.9	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

4AY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.1	1.3	.1								5.4	5.0
NNE	.5	.4		.1								1.0	5.0
NE	1.8	2.2	1.6	.3	.1							5.9	5.9
ENE	.3	.3	.3	.2								1.1	6.7
E	2.4	2.5	1.5	.4	.3							7.1	5.8
ESE	.5	1.5										2.0	4.1
SE	3.4	4.3	.5									8.2	4.2
SSE	.9	1.4										2.3	4.2
S	3.8	4.8	1.6									10.2	4.6
SSW	1.3	1.9	.1		.1							3.3	4.7
SW	2.4	5.9	2.7	.2								11.3	5.4
WSW	.7	1.4	1.5	.3								3.8	6.5
W	2.9	4.6	3.9	.8								12.2	5.9
WNW	.5	.7	.4									1.6	5.1
NW	2.1	1.8	1.0	.7								5.5	5.6
NNW	.1	.1	.3	.1								.6	8.0
VARBL													
CALM												18.7	
	25.5	35.6	16.5	3.1	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1022

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-57 YEARS JUN MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	.1	.1								2.0	4.6
NNE		.2	.2									.4	6.0
NE	1.1	.8	.6	.2								2.7	5.2
ENE	.5	.2	.1									.8	4.4
E	1.6	2.2	.4	.1								4.3	4.5
ESE	.4	.3										.7	3.7
SE	1.6	1.6	.3									3.5	4.1
SSE	.3	.8	.1									1.2	4.3
S	4.4	7.2	1.7	.1								13.4	4.5
SSW	1.1	2.0	.8									3.9	4.9
SW	5.1	7.9	3.4	.1								16.5	5.0
WSW	.4	2.3	1.9	.3								4.9	6.5
W	3.4	6.1	4.5	.9	.1							15.0	6.1
WNW	.2	.4	.1	.1								.8	5.9
NW	.5	2.1	.6	.2								3.4	5.5
NNW	.5	.5	.2	.1								1.3	5.0
VARBL													
CALM												25.1	
	21.8	35.7	15.0	2.2	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 999

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDT G GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.2	.1								2.5	4.0
NNE	.2	.3										.5	4.4
NE	1.1	1.2	.6	.2								3.0	5.1
ENE	.1		.1									.2	5.3
E	2.4	1.4	.3	.1								4.2	4.0
ESE	.2	.6	.1	.1								1.0	5.1
SE	2.3	1.0	.2									3.5	3.7
SSE	.6	.7										1.3	3.5
S	4.9	5.2	1.1									11.1	4.3
SSW	1.4	1.9	.7									4.0	4.7
SW	6.4	6.7	3.4	.1								16.5	4.8
WSW	.7	2.9	1.2	.6								5.4	6.3
W	3.9	5.8	4.7	.9								15.2	5.8
WNW	.3	.5	.2									1.0	5.2
NW	1.3	2.1	.7									4.1	4.9
NNW	.2	.7	.4									1.6	4.8
VARBL													
CALM												25.1	
	27.3	31.7	13.8	2.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1007

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 STATION ERDING GERMANY AIR STATION 46-57 YEARS JUN MONTH  
0600-0800 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1	.2		.1							3.1	4.0
NNE													
NE	1.4	.8	.9	.3								3.3	5.5
ENE	.3	.4	.3									1.0	5.2
E	2.5	3.4	2.0	.4								8.3	5.5
ESE	.3	.7	.2	.2								1.4	5.9
SE	2.2	1.1	.3									3.6	3.6
SSE	.9											.9	2.7
S	4.2	2.5	.3									7.0	3.7
SSW	.7	.9		.1								1.6	4.2
SW	3.9	5.8	2.7	.4								12.8	5.1
WSW	1.1	2.2	1.9	.8								6.0	6.6
W	4.9	8.0	5.3	1.7								20.0	6.0
WNW	.5	1.0	.9	.7								3.0	7.1
W	2.4	2.7	2.0	.3								7.4	5.5
NNW	.6	.4		.1								1.1	4.4
VARBL													
CALM												19.7	
	27.4	30.8	17.0	4.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1035



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) Dir	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	1.0	.2								5.5	5.1
NNE	.6	.4	.2									1.2	4.3
NE	1.9	2.4	1.6	.3								6.3	5.3
ENE	.4	.7	.6	.1								1.7	5.6
E	2.1	3.1	3.9	1.0								10.1	6.4
ESE	.5	1.2	.6	.1								2.4	5.3
SE	1.6	1.3	.4									3.3	4.1
SSE	.2	.2	.1									.5	4.2
S	1.9	.9	.2									3.0	3.6
SSW	.4	.5	.2	.1								1.2	5.3
SW	2.3	3.3	2.1	.2								7.9	5.3
WSW	1.1	1.5	1.4	.5								4.4	6.3
W	3.8	8.0	6.8	2.6	.4							21.6	6.9
WNW	.5	1.5	1.1	.5	.1							3.7	7.1
NW	2.5	4.0	3.5	1.4	.2							11.5	6.7
NNW	.5	.6	.8	.3	.1							2.2	7.2
VARBL													
CALM												15.5	
	22.2	32.0	24.3	7.2	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1,034

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

24168 ERDING GERMANY AIR STATION

46-57

JUN

ALL WEATHER

1200-1400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.8	2.0	.8								8.9	5.7
NNE	.4	.9	.9		.1							2.2	6.3
NE	2.1	3.5	2.2	.6								8.4	5.7
ENE	.4	.8	.8									1.9	5.7
E	1.6	3.6	3.2	.7								9.1	6.3
ESE	.2	.2	.2		.1							.8	6.9
SE	1.2	1.0	.6									2.7	4.6
SSE	.1	.2	.2									.5	5.8
S	1.1	1.1										2.1	3.9
SSW	.3	.6	.4									1.3	5.5
SW	2.3	3.0	2.0	.2								7.6	5.3
WSW	.7	.8	1.2	.2	.2							3.0	7.2
W	3.3	7.1	5.2	3.0	.2	.1						18.9	7.1
WNW	.4	1.1	1.4	.8	.2							3.9	8.5
NW	3.2	6.9	4.0	1.4	.2							15.6	6.2
NNW	.9	1.3	.6	.4	.1							3.2	6.4
VARBL													
CALM												10.0	
	20.4	33.7	24.8	8.0	1.1	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1035

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.0	1.8	.6								9.8	5.5
NNE	.7	1.4	.3	.1								2.4	5.0
NE	2.0	4.7	4.0	.4	.1							11.2	6.1
ENE	.2	.9	.9	.2								2.1	6.7
E	1.9	3.2	3.0	.1								8.3	5.6
ESE	.1	.9	.2	.1								1.3	5.8
SE	.5	1.2	.5									2.1	5.0
SSE	.1	.4	.1									.6	5.0
S	1.0	2.1	.8	.1								4.0	5.2
SSW	.1	.7	.2									1.0	5.0
SW	1.0	3.4	2.0	.6								7.0	6.2
WSW	.5	1.4	1.4	.3								3.5	6.7
W	3.3	6.0	5.2	1.7	.3							15.5	6.7
WNW	.9	1.0	.9	.5								3.2	6.5
NW	3.5	6.7	2.7	1.5	.3							14.7	6.1
NNW	.6	1.3	.4	.2	.1							2.5	6.1
VARBL													
CALM												9.6	
	18.9	40.2	24.3	6.2	.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2416P STATION 2416P ERLING GERMANY AIR STATION 46-57 YEARS JUN NORTH  
1800-2000 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.1	1.0									6.9	4.4
NNE	1.0	.4	.1									1.5	3.6
NE	2.7	3.1	.6	.1								6.5	4.5
ENE	.2	.7	.2									1.1	4.9
E	4.2	2.5	.5									7.3	3.7
ESE	.9		.1									1.0	3.3
SE	2.6	1.8	.2									4.6	3.7
SSE	.5	.4	.2	.1								1.2	5.3
S	2.3	3.1	1.2	.2								6.8	4.8
SSW	.2	1.8	.2									2.3	4.8
SW	4.2	4.0	2.3	.5								11.1	5.2
WSW	.7	1.4	.8	.5								3.4	6.6
W	4.7	5.4	2.5	1.6	.2	.1						15.5	6.1
WNW	.3	1.1	.4	.1								1.9	5.5
NW	3.1	2.9	1.4	.2	.1							7.7	5.0
NNW	.4	.8	.3									1.5	4.7
VARBL													
CALM												19.9	
	31.0	32.4	13.0	3.3	.3	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1002

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-57 YEARS JUN MONTH  
CLASS ALL WEATHER HOURS (LST) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.4									2.3	4.1
NNE	.1	.2										.3	4.0
NE	.6	1.3										1.9	4.1
ENE	.4	.1										.5	3.0
E	2.7	1.0	.7									4.4	4.0
ESE	.5	.8										1.3	4.2
SE	2.8	2.9	.4	.1								6.2	4.0
ESE	.8	.7	.2									1.7	4.2
S	4.9	6.6	1.7									13.2	4.5
SSW	1.2	1.7	.2	.1								3.2	4.6
SW	3.7	6.9	2.8	.4								14.8	5.3
WSW	.5	2.5	1.3	.3								4.6	6.3
W	4.0	6.5	4.9	1.4	.1							17.0	6.1
WNW	.2	.2	.1	.1								.6	6.0
NW	1.6	3.2	.9	.3								6.0	5.2
NNW	.3	.7										1.0	3.9
VARBL													
CALM												20.9	
	25.4	36.3	14.6	2.7	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 997

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.1									2.0	3.8
NNE	.4	.1										.5	2.6
NE	.3	.5	.2									1.0	4.9
ENE	.1											.1	3.0
E	1.1	1.2	.2									2.5	4.0
ESE	.1	.3										.4	3.8
SE	2.0	2.5	.2									4.8	4.1
SSE	.6	.4										1.0	3.7
S	4.8	6.8	1.4									13.0	4.4
SSW	2.2	2.5	.7									5.5	6.3
SW	4.8	9.9	4.5	.7								19.9	5.4
WSW	1.6	2.6	3.5	.6								8.4	6.3
W	2.2	5.3	3.8	.7								12.0	6.2
WNW	.3	.8	.1									1.2	4.8
NW	1.2	.8	.5	.1								2.6	4.6
NNW	.2	.5	.1	.2								1.0	6.5
VARBL													
CALM												23.9	
	23.1	35.3	15.4	2.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

982

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-54, 56-57 YEARS JUL MONTH  
CLASS ALL WEATHER HOURS (LST) 0300-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.4									1.5	3.7
NNE	.1		.2									.3	6.7
NE	1.2	.4	.1									1.7	3.6
ENE	.2	.2										.4	3.5
E	1.5	1.1	.4									3.0	4.2
ESE	.2	.1										.3	3.3
SE	1.8	1.4										3.2	3.5
SSE	.4	.5	.1									1.0	4.2
S	5.0	7.0	1.7									13.7	4.5
SSW	2.6	2.2	.6	.2								5.6	4.6
SW	5.6	9.7	3.5	.4								19.1	4.9
WSW	1.0	3.8	2.7	.8								8.2	6.6
W	2.4	7.7	3.1	.6								13.8	5.7
WNW	.3	.3	.1	.3								1.0	6.9
NW	2.0	.6	.5	.1								3.2	4.5
NNW	.6	.1	.1	.1								.9	4.0
VARBL													
CALM												23.3	
	25.0	35.9	13.4	2.5								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1009

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

0600-0800  
HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.5	.1								2.6	3.1
NNE	.6											.6	2.7
NE	1.3	.5	.2									2.0	3.7
ENE	.5	.2	.2									.9	4.3
E	2.7	2.3	.9									6.0	4.4
ESE	.8	.9	.3									2.0	4.1
SE	1.4	1.8	.2									3.3	3.9
SSE	.5	.1										.6	3.0
S	3.2	2.1	1.3									6.6	4.3
SSW	.9	.8	.3									2.0	4.5
SW	5.4	6.3	2.0	.5								14.1	6.7
WSW	1.2	2.7	1.9	1.1	.1							6.9	7.0
W	4.8	10.3	6.8	1.3								23.1	5.8
WNW	.3	1.4	1.7	.1								3.4	6.8
NW	2.3	3.3	1.7	.1								7.3	5.2
NNW	.4	.3										.7	3.6
VARBL													
CALM												18.0	
	27.2	33.4	17.7	3.1	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1022



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-54, 56-57 YEARS JUL MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	1.2	.4								5.8	5.3
NNE	.4	.3	.1									.8	4.5
NE	1.6	2.2	.5	.2								4.5	4.8
ENE	.3	.4	.3	.2								1.2	7.0
E	2.1	3.5	2.0	.2								7.7	5.4
ESE	.3	.2	.3									.8	5.1
SE	2.0	2.1	1.2	.1								5.3	5.1
SSE	.5	.4	.1									1.0	3.7
S	1.1	.6	.8	.1								2.5	5.3
SSW	.3	1.0	.3									1.6	5.1
SW	3.7	3.2	1.5	.8								9.2	5.2
WSW	.8	1.9	2.2	.5								5.3	6.8
W	4.5	10.0	7.7	2.7	.2							25.1	6.7
WNW	.8	1.4	1.5	.4								4.0	6.6
NW	2.9	4.8	2.8	.6	.1	.1						11.3	5.9
NNW	.7	.6	.1	.1								1.3	4.7
VARBL													
CALM												12.5	
	23.7	34.8	22.4	6.3	.3	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168 STATION ERDING GERMANY AIR STATION 46-54,56-57 JUL  
STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.0	2.1	.7								7.4	6.1
NNE	.5	.4	.4									1.3	5.0
NE	2.1	1.8	.8	.4								5.0	5.0
ENE	.5	.6	.2	.3								1.6	5.9
E	2.1	3.7	2.3	.2								8.3	5.7
ESE	.5	1.0	.3									1.8	4.6
SE	.4	1.8	.5	.1								2.7	5.6
SSE	.5	.2	.1									.8	3.9
S	.5	.8	.7	.2	.1							2.3	6.3
SSW	.2	.6	.4									1.2	5.7
SW	2.0	2.9	2.1	.8	.1							7.8	6.3
WSW	.6	.7	2.1	.7	.1							4.1	8.1
W	3.0	8.0	7.5	3.5	.2							22.3	7.2
WNW	.5	2.2	1.4	1.3								5.3	7.6
NW	3.1	5.0	5.1	1.2	.1							14.3	6.4
NNW	.7	1.2	.9	.1								2.8	5.7
VARBL													
CALM												10.9	
	18.7	33.8	26.7	9.4	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAG

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168 STATION EROING GERMANY AIR STATION 46-54,56-57 YEARS JUL MONTH  
1500-1700 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	5.5	2.2	1.0	.1							12.3	5.6
NNE	.4	.3	.1									1.1	4.5
NE	1.9	2.3	1.3	.6								6.1	5.6
ENE	.6	.3	.4	.1								1.4	5.5
E	2.3	3.8	2.5	.2								8.9	5.4
ESE	.7	.4	.1									1.2	5.9
SE	.7	.9	.3	.1								2.0	5.3
SSE	.2	.1	.1									.4	4.0
S	1.4	1.0	.8	.1								3.2	4.9
SSW	.3	.5	.6									1.4	5.9
SW	2.0	2.9	2.4	1.0								8.3	6.3
WSW	.3	.9	1.8	.7								3.6	8.2
W	2.3	6.0	6.5	2.5	.2							17.6	7.4
WNW	.8	2.3	2.2	.9								6.3	6.9
NW	3.0	6.2	4.0	1.3	.3							14.8	6.3
NNW	.5	1.0	.3	.3								2.1	6.1
VARBL													
CALM												9.6	
	20.8	34.6	25.7	8.7	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/YAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.3	.8	.4								7.5	4.7
NNE	.8	.1										.9	2.8
NE	2.3	1.9	.2									4.4	3.7
ENE	.5	.3										.8	3.4
E	3.3	2.1	.5									5.9	3.5
ESE	.8	.2										1.0	3.4
SE	2.5	2.8	.1									5.5	3.9
SSE	.2	.6										.8	4.4
S	2.4	2.2	1.0	.1								5.8	4.5
SSW	1.1	.8	1.1									2.9	3.4
SW	2.2	5.2	2.2	1.3		.2						11.1	6.3
WSW	1.3	1.6	2.1	.7	.1							5.7	7.1
W	3.2	4.9	4.0	.3	.2							12.8	6.0
WNW	1.5	1.5	.8	.1								5.8	4.9
NW	2.2	4.4	1.7	.4		.1						9.8	5.3
NNW	.4	.8	.4									1.6	3.4
VARBL													
CALM												19.8	
	28.8	22.6	14.8	3.4	.3	.3						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/YAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-54-56-57 YEARS JUL MONTH 2100-2300 HOURS (LST)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	.5	.2								2.8	5.9
NNE	.1	.2										.4	5.0
NE	1.0	.5	.1									1.6	3.7
ENE			.1									.1	7.0
E	1.9	1.0	.5	.1								3.5	4.4
ESE	.1	.3	.1									.5	5.6
SE	3.7	4.0	.2									7.9	3.9
SSE	.8	.7	.1									1.5	4.2
S	4.5	7.6	2.4	.4								15.0	5.0
SSW	1.6	4.2	1.7									7.6	5.1
SW	4.7	7.2	2.7	.4								15.1	5.0
WSW	.3	2.7	2.6	1.3								6.9	7.8
W	1.9	4.6	2.6	.9	.1							10.1	6.2
WNW	.4	1.0	.7		.1							2.2	6.0
NW	1.2	.7	.4	.1								2.5	4.8
NNW	.5	.4		.1								1.0	3.8
VARBL													
CALM												21.1	
	23.6	35.7	14.8	3.6	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 996

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168 STATION ERDLING GERMANY AIR STATION 46-54, 56-57 YEARS AUG MONTH  
0000-0200 HOURS (LST)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0										1.7	3.9
NNE	.2	.1										.3	3.0
NE	.7	.9	.4	.1								2.1	5.1
ENE	.3		.1									.4	3.8
E	1.6	.7	.2									2.5	3.4
ESE	.2	.4										.6	3.7
SE	2.8	1.7	.1									4.6	3.5
SSE	.6	.2	.1									.9	3.5
S	4.2	6.2	2.1	.2								14.7	4.9
SSW	.9	2.8	1.2									4.9	5.2
SW	3.3	6.6	2.5	.1								14.5	4.9
WSW	.4	2.3	2.1	.3								5.2	6.8
W	2.9	5.1	3.1	.6	.2							11.9	6.1
WNW	.5	.5	.2	.1								1.3	5.0
NW	1.8	.8	.2	.2								3.0	4.2
NNW	.4	.1	.2									.7	4.7
VARBL													
CALM												30.4	
	21.7	33.4	12.6	1.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0900-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.3									1.5	4.3
NNE													
NE	.9	.7	.1									1.7	3.8
ENE	.3	.1										.4	3.8
E	2.1	1.3	.1									3.5	3.5
ESE	.3	.7										1.0	4.1
SE	1.7	2.0										3.7	3.7
SSE	.6	.8	.1									1.5	4.3
S	5.9	7.1	2.4									15.4	4.6
SSW	1.2	2.3	.7									4.2	4.6
SW	4.8	8.1	2.9									15.8	4.7
WSW	1.2	2.6	1.9	.3								6.0	5.9
W	3.4	3.1	3.1	.7								10.2	5.8
WNW	.3	.5	.3									1.1	5.0
NW	1.3	.9	.5	.2								2.9	4.8
NNW	.2	.1										.3	2.7
VARBL													
CALM												31.0	
	24.6	30.9	12.3	1.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1007

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.2									2.2	4.1
NNE			.2									.2	6.0
NE	1.0	1.1	.7									2.7	4.8
ENE	.2	.2	.2									.6	5.2
E	2.3	2.9	1.7	.4								7.2	5.3
ESE	.8	.6	.2	.1								1.7	4.8
SE	1.7	1.9	.4									3.9	4.2
SSE	.4	.3										.7	3.6
S	3.6	4.3	1.5									9.4	4.6
SSW	1.6	1.8	.2									3.5	4.0
SW	4.4	6.8	2.1	.4								13.7	4.8
WSW	1.1	2.0	2.3	1.0								6.3	7.0
W	4.8	4.6	3.7	1.4								14.3	5.8
WNW	.9	.7	.6	.2								2.3	5.7
NW	2.1	2.1	1.0	.1								5.2	4.9
NNW	.3	.5	.2									1.0	5.0
VARBL													
CALM												25.0	
	25.9	30.6	15.0	2.5								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

1022



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168 ERDING GERMANY AIR STATION

46-54, 56-57

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.8	.6	.1								4.8	4.6
NNE	.1	.5	.3									.9	5.8
NE	1.5	2.1	.7	.8								5.0	5.7
ENE		.2	.6	.2								1.0	8.2
E	2.4	4.6	3.2	.7								11.0	5.9
ESE	.2	1.1	.7									2.0	6.1
SE	1.7	2.0	1.1									4.7	4.9
SSE	.1	.1	.1									.3	5.7
S	1.5	1.7	.8									3.9	4.6
SSW	.7	.9	.1	.1								1.8	4.7
SW	3.0	3.0	2.0	.6								8.6	5.5
WSW	.9	1.5	2.0	.5	.1							7.9	7.0
W	4.3	7.4	6.7	2.7	.2							21.3	6.7
WNW	.9	1.4	1.5	.9	.1							4.7	7.5
NW	1.9	3.1	2.0	.9	.1							7.9	6.2
NNW	.8	1.1	.2	.1								2.2	4.5
VARBL													
CALM												15.2	
	22.2	32.3	22.3	7.5	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1022

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 ERDING GERMANY AIR STATION 46-54,56-57  
STATION NAME YEAR  
CLASS ALL WEATHER  
CONDITION  
MONTH AUG  
HOURS (LST) 1200-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.4	1.6	.4								6.9	5.2
NNE	.1	.6	.1	.1								.9	5.3
NE	1.5	2.3	1.5	.8								6.1	6.3
ENE	.3	.2	.7	.1								1.3	7.2
E	1.7	5.5	3.5	.5								11.1	5.9
ESE		.9	.7	.1								1.7	6.5
SE	1.7	1.6	.3	.1								3.6	4.6
SSE		.5	.1									.6	4.7
S	.6	.9	.7									2.2	5.5
SSW		.6	.3									.9	5.8
SW	1.9	2.8	1.4	.5	.1							6.6	5.7
WSW	.5	.7	1.9	.8	.2							4.0	8.3
W	3.7	7.6	6.0	3.6	.3							21.2	7.2
WNW	.6	1.6	2.6	.3	.2	.1						5.4	7.7
NW	2.4	4.0	3.1	.8								10.4	6.1
NNW	1.1	1.0	.9	.2								3.1	5.6
VARBL													
CALM												14.1	
	18.5	33.1	25.2	8.2	.8	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

36168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	6.1	2.5	.7								10.2	5.6
NNE	.6	.9	.2									1.7	4.7
NE	1.9	2.5	2.5	.4	.2							7.5	6.2
ENE		1.0	.8									1.8	6.6
E	3.0	5.0	2.1									10.1	5.0
ESE	.4	.7	.2	.1								1.4	5.2
SE	1.2	1.0	.6									2.7	4.6
SSE	.3	.2		.1								.6	4.8
S	.8	2.2	.9									3.8	5.2
SSW	.2	.6	.4									1.2	5.8
SW	1.6	2.8	1.4	.1								5.9	5.2
WSW	.4	1.5	.6	.4								2.8	6.3
W	3.2	5.6	3.0	2.6		.2						16.6	6.9
WNW	.8	1.5	2.1	.3		.1						4.7	7.0
NW	2.3	4.9	2.0	1.2	.1							11.5	6.3
NNW	.8	1.3	.8	.1								2.9	5.7
VARBL													
CALM												14.7	
	20.2	35.6	23.0	6.0	.3	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1023

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	1.3	.3								5.7	5.3
NNE	.7	.8			.1							1.6	4.3
NE	2.5	2.2	.6	.3								5.6	4.8
ENE	.2	.4	.2									.8	5.5
E	4.9	2.6	.5									8.0	3.6
ESE	.9	.8										1.7	3.8
SE	3.4	3.3	.4									7.1	3.9
SSE	.9	.7	.3									1.9	4.2
S	2.2	5.8	1.1									9.0	4.8
SSW	.8	1.2	.2									2.2	4.5
SW	1.7	5.5	2.5	.3								10.0	5.5
WSW	.4	1.0	1.1	.4	.1							2.9	7.4
W	2.5	5.4	3.1	.9		.1						12.0	6.1
WNW	.2	.7	.2	.2								1.6	5.6
NW	2.9	2.3	1.0	.4	.2	.1						6.9	3.7
NNW	.4	.6	.2									1.2	4.8
VARBL													
CALM												21.9	
	27.1	25.0	12.6	2.7	.4	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.7	.1								2.9	5.2
NNE	.6											.6	2.8
NE	.9	1.2	.5									2.6	4.8
ENE	.3											.3	2.7
E	2.6	.9	.1									3.6	3.3
ESE	.9	.3										1.2	3.1
SE	4.3	3.9	.5									8.7	3.9
SSE	.9	1.1	.1									2.1	4.0
S	4.3	8.3	2.6									15.3	4.8
SSW	.7	1.6	.8	.1								3.2	5.5
SW	3.6	7.0	3.2	.5								14.4	5.3
WSW	1.0	1.8	1.9	.2								4.9	6.2
W	1.7	5.3	2.8	.8	.1							10.7	6.2
WNW	.3	.5	.1	.2								1.1	5.7
NW	1.2	.5	1.0									2.7	5.3
NNW	.1	.2	.1									.4	4.5
VARBL													
CALM												25.2	
	24.5	22.8	14.5	1.9	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 996

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	.3	.2								1.7	3.6
NNE	.1	.1	.1									.3	3.0
NE	1.0	1.0	.2									2.1	4.0
ENE	.1	.1										.2	3.5
E	1.8	2.0	.6	.1								4.5	4.5
ESE	.7	.3	.1									1.3	4.1
SE	2.2	1.6	.6									4.4	4.5
SSE	.5	.7										1.2	4.3
S	4.0	3.4	2.2									11.6	4.8
SSW	1.3	2.1	.3	.1								4.0	4.6
SW	4.0	7.4	4.2	.5								16.1	5.6
WSW	1.3	2.1	3.1	1.0								7.4	7.1
W	2.8	3.1	4.0	1.1	.1							13.0	6.1
WNW	.7	.2	.1	.1								1.1	4.2
NW	.7	1.4	.3	.2		.1						2.6	6.0
NNW	.2		.1									.3	4.0
VARBL													
CALM												25.2	
	21.7	30.4	16.2	3.3	.1	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1036

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 ERDING GERMANY AIR STATION

46-57

SEP

ALL WEATHER

0300-0500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.3	.1									1.2	3.4
NNE	.1		.1									.2	2.0
NE	.6	.3	.2									1.1	4.5
ENE		.1										.1	6.0
E	2.3	2.6	.4	.1								5.4	4.1
ESE	.3	.6	.1									1.0	4.6
SE	2.3	1.6	.5									4.4	3.8
SSE	.4	.7	.1									1.2	4.6
S	4.8	4.4	1.7	.2								11.2	4.5
SSW	.9	2.2	1.2	.3								4.4	6.0
SW	2.1	7.9	4.2	.8	.1							16.1	5.8
WSW	.5	2.9	2.4	.4	.1	.1	.1					6.5	7.4
W	2.3	6.4	3.7	.8	.1	.1						13.3	6.2
WNW	.4	.3	.1	.1	.1							1.0	6.4
NW	.5	.3	.8	.1								1.8	6.2
NNW	.1	.1	.1									.3	5.0
VARBL													
CALM												30.9	
	19.3	30.9	15.6	2.7	.4	.2	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1034

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-57 YEARS SEP MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.3			.1						1.7	3.4
NNE		.1	.1									.2	6.3
NE	.9	.4	.4									1.6	4.3
ENE	.5	.1										.6	3.2
E	2.6	2.4	.7	.1								3.8	4.6
ESE	.6	.4	.4									1.4	3.0
SE	3.0	2.1	.4									3.5	3.9
SSE	.8	.8	.3									1.8	4.4
S	3.1	4.5	1.4									9.0	4.7
SSW	1.4	2.1	1.0									4.4	4.8
SW	4.0	7.0	4.1	.9		.1						16.0	3.8
WSW	.7	2.6	2.3	.7	.3	.2						6.8	7.5
W	2.0	5.2	4.0	1.0	.1							12.3	6.4
WNW	.8	1.4	1.0									3.1	3.5
NW	1.2	1.6	.9	.5								4.2	6.0
NNW	.3	.4	.1	.1								.9	3.4
VARBL													
CALM												24.8	
	22.3	31.9	17.1	3.2	.4	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1036



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.4	.1								3.1	4.3
NNE	.2	.1		.1								.4	4.5
NE	1.9	1.5	.6	.2								4.2	4.5
ENE	.9	.9	.2	.3								2.2	5.0
E	2.2	5.4	3.2	1.0								11.8	6.1
ESE	1.1	1.1	.6	.2								2.9	5.3
SE	1.3	1.4	.5	.1								3.2	4.5
SSE	.3	.3	.1									.7	3.9
S	1.8	.9	.8	.1								3.6	4.9
SSW	.4	1.1	.2									1.6	4.6
SW	2.4	2.1	3.0	.9	.1							8.5	6.4
WSW	.3	2.1	1.4	.8	.2	.3						5.1	8.7
W	2.6	5.6	7.4	4.2	.4	.1						20.3	8.0
WNW	.6	1.7	2.5	1.1								5.9	7.8
NW	1.5	3.0	2.1	.7	.1							7.4	6.3
NNW	.6	.7	.2	.5								1.9	6.4
VARBL													
CALM												17.2	
	19.8	28.7	23.2	10.0	.8	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1036

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 36168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-57 MONTH SEP  
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.7	1.3	.3								5.9	5.0
NNE	.4	.8	.2	.1								1.4	5.5
NE	2.1	3.1	.9	.2								6.3	4.8
ENE	.7	1.2	1.0	.1								2.9	6.3
E	2.3	4.6	4.3	1.3								12.5	6.5
ESE	.4	1.5	.9	.3								3.1	6.7
SE	1.3	1.2	.9									3.4	4.9
SSE	.1	.3		.1								.5	5.8
S	1.2	.6	.2	.1								2.0	4.2
SSW	.3	.2	.1									.6	4.5
SW	1.3	2.2	.9	1.0	.1							5.5	6.5
WSW	.5	1.0	1.3	1.3	.3	.2						4.6	9.9
W	2.4	5.5	8.4	4.1	.3	.1						20.8	8.0
WNW	.3	1.3	1.3	.6								3.5	7.3
NW	1.5	4.6	4.0	1.3		.1						11.7	6.8
NNW	.3	.4	.4	.4								1.4	7.6
VARBL													
CALM												14.0	
	17.7	30.2	25.9	11.2	.7	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-57 MONTH SEP  
CLASS ALL WEATHER HOURS (LST) 1500-1700  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.1	1.8	.2								9.1	5.0
NNE	.5	.6										1.1	3.8
NE	2.5	4.1	1.3	.2								8.2	5.1
ENE	.8	.8	.8	.2								2.5	6.1
E	3.1	5.3	2.7	.9								11.9	5.6
ESE	.7	1.0	.5									2.1	4.9
SE	1.4	1.9	.3									3.7	4.2
SSE	.2	.6										.8	4.4
S	.5	1.0	.2	.2								1.8	5.5
SSW	.1	.5	.2									.8	5.4
SW	1.8	1.8	1.5	.4								5.6	5.9
WSW	.1	1.3	1.3	.6	.3							3.7	8.6
W	3.0	3.7	3.6	1.8	.2							16.3	6.8
WNW	.5	1.3	.9	1.0								3.6	7.6
NW	2.1	3.4	2.4	1.0	.2	.1						11.2	6.3
NNW	.7	.9	.4	.2								2.2	5.7
VARBL													
CALM												15.6	
	20.8	36.2	19.9	6.6	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.7	.5	.1								2.9	4.5
NNE	.4	.6	.2									1.2	4.8
NE	1.3	1.3	.3									3.0	4.1
ENE	.5	.7										1.2	4.1
E	5.0	3.5	.6	.2								9.2	4.1
ESE	1.3	.6	.1									2.0	3.7
SE	2.8	3.7	.3									6.7	4.1
SSE	1.1	1.5										2.6	3.8
S	3.4	4.6	.6		.1							8.7	4.3
SSW	.8	1.0	.7									2.4	4.9
SW	2.4	3.0	2.9	.2								8.5	5.8
WSW	.7	1.5	1.5	.7	.3							4.7	7.9
W	2.7	6.5	3.0	.7	.1							12.9	5.9
WNW	.5	.4	.5	.3	.1							1.7	7.2
NW	2.5	3.1	1.4	.2								7.2	5.2
NNW	.5	.6	.2									1.3	4.8
VARBL													
CALM												23.8	
	27.3	33.1	12.7	2.3	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1038

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34169  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	1.0	.3								2.6	3.8
NNE	.3	.3										.6	4.0
NE	.9	1.0	.2									2.0	4.2
ENE		.1	.2	.1								.4	4.5
E	2.8	2.5	.8		.1							6.2	4.5
ESE	.8	.5	.2									1.5	4.2
SE	3.0	2.7	.4									6.1	4.0
SSE	1.2	1.6	.3									3.2	4.1
S	3.2	5.5	2.3	.1								11.2	4.9
SSW	1.5	1.8	.3									3.7	4.2
SW	3.5	7.5	4.2	.5								15.8	5.6
WSW	.7	2.7	1.5	.6								5.5	6.5
W	2.6	4.8	3.1	1.5	.1							12.4	6.4
WNW	.2	.7	.3	.1								1.3	6.3
NW	.8	1.7	.6	.2								3.3	5.7
NNW				.1								.1	16.0
VARBL													
CALM												24.3	
	22.2	34.4	15.4	3.5	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1034

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5										1.1	3.8
NNE	.5	.5										.9	4.0
NE	1.4	1.4	.7	.5								4.0	5.5
ENE	.9	.7	.5	.3								2.4	5.7
E	2.3	3.6	2.8	.5								9.1	5.9
ESE	.5	.4	.1									.9	5.0
SE	1.6	.6	.2	.1								2.5	3.7
SSE	.5	.3										.7	3.0
S	3.4	4.4	1.0									8.9	4.3
SSW	.8	1.4	.4	.1								2.7	4.8
SW	3.6	8.2	2.4	.5								14.8	5.2
WSW	.6	1.4	1.5	.5	.2							4.3	7.4
W	.5	3.0	4.1	1.5	.3	.1						9.6	8.2
WNW		.5	.2	.2								1.0	7.6
NW	.8	.3	.3									1.4	4.4
NNW	.2	.1	.2									.5	5.6
VARBL													
CALM												35.2	
	18.2	27.4	16.3	4.3	.5	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1105

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168 STATION ERDING GERMANY AIR STATION 46-57 YEARS OCT MONTH  
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6		.1	.1							1.5	5.0
NNE	.4	.1										.5	2.8
NE	1.1	1.8	.9	.2								4.0	5.3
ENE	.3	.5	.4									1.1	5.9
E	2.3	3.0	2.5	.3								8.0	5.6
ESE	.4	.2	.1									.6	4.0
SE	1.6	1.3	.3	.1								3.3	4.1
SSE	.5	.2	.1									.8	3.8
S	3.3	3.7	1.4	.1								8.6	4.6
SSW	1.6	2.2	.2	.2								4.2	4.7
SW	2.4	6.1	2.4	.7								11.7	5.6
WSW	.5	1.4	2.3	.3								4.4	6.8
W	.9	3.9	3.9	1.3	.4							10.3	7.5
WNW	.1	.4	.2	.1								.7	6.1
NW	1.0	.7	.7	.1		.1						2.6	6.0
NNW		.4	.1									.5	5.6
VARBL													
CALM												37.3	
	17.2	26.2	15.4	3.3	.5	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1107

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.5	.4									2.4	4.1
NNE	.5	.3										.7	3.5
NE	1.3	1.4	.4	.4								3.5	5.2
ENE	.6	.3	.5	.1								1.5	5.9
E	1.3	3.2	2.6	.8								7.9	6.5
ESE	.7	1.2	.5									2.4	4.8
SE	2.7	1.9	.2									4.8	3.6
SSE	.5	.6										1.1	3.8
S	3.3	3.4	1.2									7.9	4.4
SSW	1.0	1.5	.7									3.3	4.9
SW	3.2	4.2	1.4	.5								9.1	5.0
WSW	.9	2.4	1.4	.5								5.2	6.4
W	2.2	4.4	3.3	1.4	.1							11.4	6.6
WNW	.5	.3	.6	.1	.1							1.6	6.6
NW	1.0	.9	.8	.2								2.9	5.6
NNW	.3	.5	.2	.1								1.1	5.6
VARBL													
CALM												33.5	
	21.3	26.9	14.0	4.1	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATION: 1106



DATA PROCESSING DIVISION  
BTAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION ERDING GERMANY AIR STATION 46-57 YEARS GCT  
MONTH 0900-1100  
HOURE (LST)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.5	.4									4.2	3.8
NNE	.6	.2	.2									1.1	4.1
NE	2.6	.7	.9	.4								3.6	5.0
ENE	.6	1.0	1.0	.2	.1							2.9	6.6
E	3.3	6.5	5.7	1.7	.5							17.6	6.9
ESE	.7	.7	.8	.1								2.4	5.9
SE	.6	1.8	.4									3.0	4.7
SSE	.3	.4	.1									.7	4.4
S	1.0	1.3	.5	.1								2.8	4.8
SSW	.4	1.3	.6									2.3	5.2
SW	1.7	2.4	1.4	.2								3.6	5.4
WSW	.5	1.2	1.8	1.1	.3	.1						3.0	9.1
W	2.9	5.5	4.5	2.0	.2							13.1	6.9
WNW	.5	1.1	1.3	.3								3.1	6.8
NW	1.9	3.3	1.5	.6	.1							7.3	5.8
NNW	.9	.4	.1									1.4	3.9
VARBL													
CALM												19.8	
	21.0	30.3	21.1	6.6	1.1	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1105

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

DCT  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.2	1.3									6.3	4.5
NNE	.8	.5	.3	.1								1.7	4.8
NE	2.0	4.1	2.3	1.3								9.6	6.4
ENE	.5	1.1	1.2	.6	.1							3.4	7.3
E	2.8	7.1	7.2	2.4	.1							19.7	7.0
ESE	.1	.8	.5	.1								1.5	6.9
SE	.8	1.4	.7	.2								3.1	5.6
SSE	.2	.4										.5	4.3
S	1.0	1.1	.4	.1								2.5	4.0
SSW	.5	.8	.2	.1								1.5	5.4
SW	1.3	1.2	.8	.2								3.4	5.5
WSW	.5	1.3	.9	1.1	.2							4.0	8.4
W	1.6	5.4	4.9	2.6	.3	.1						14.9	7.7
WNW	.2	1.0	1.4	.5								3.1	7.6
NW	2.4	4.6	2.1	.7	.1							9.9	5.7
NNW	.7	.5	.2	.1								1.4	4.9
VARBL													
CALM												13.4	
	18.2	32.3	24.2	10.1	.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1109

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

GCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.2	1.1									6.8	4.1
NNE	.6	.9	.5	.2								2.3	3.5
NE	3.0	4.6	1.9	.4	.3							10.1	5.5
ENE	1.0	1.4	.7	.5								3.6	6.3
E	5.9	7.8	4.8	.8								19.2	5.5
ESE	.8	.8	.4	.1								2.1	4.5
SE	1.0	1.4	.4									2.8	4.4
SSE	.3	.4	.1									.7	4.1
S	.8	1.7	.7									3.3	5.2
SSW	.1	.6	.4									1.1	5.6
SW	1.0	1.6	.9									3.5	5.0
WSW	.5	1.2	.7	.5								2.9	7.2
W	2.1	5.8	2.7	1.6	.3							12.5	0.5
WNW	.5	1.3	.5	.2								2.5	5.8
NW	2.1	3.8	1.4	.2								7.5	5.0
NNW	.5	.8										1.3	4.2
VARBL													
CALM												17.9	
	22.6	36.2	17.3	4.5	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1107

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168 STATION ERDING GERMANY AIR STATION 46-27 YEARS CCT  
MONTH 1800-2000  
HOURS (LST)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.8	.5									2.2	4.5
NNE	.5	.2	.2									.9	4.2
NE	3.0	2.5	.5	.4	.3							6.6	5.0
ENE	.9	.9	.1	.1								2.0	4.5
E	4.1	5.2	2.8	.6	.1							12.9	5.4
ESE	1.3	.8	.4									2.4	4.4
SE	3.1	2.9	.4									6.3	4.0
SSE	1.1	.5										1.6	3.3
S	2.7	3.8	1.5									8.0	4.7
SSW	.6	1.6	.5									2.8	4.9
SW	1.8	2.5	1.7	.3								6.3	5.5
WSW	.6	1.7	2.0	.5								4.9	7.2
W	2.2	4.2	3.0	1.4	.2							10.9	6.6
WNW	.5	.9		.2								1.5	5.1
NW	1.2	1.9	.7									3.8	4.9
NNW	.3	.5	.1									.8	4.3
VARBL													
CALM												26.1	
	24.7	31.0	14.2	3.4	.5							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1109

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

GCT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.0	.5									2.4	4.3
NNE	.3	.2	.2									.6	5.4
NE	2.2	1.4	.7	.4	.1							4.8	5.2
ENE	.4	.6	.7	.3								2.0	7.0
E	3.3	4.9	2.3	.8								11.2	5.5
ESE	.6	1.1	.4									2.1	4.9
SE	1.5	1.4	.5									3.4	4.2
SSE	.7	.5	.1									1.3	4.0
S	3.4	3.5	1.1		.1							8.1	4.6
SSW	1.4	2.0	.8									4.2	4.7
SW	2.3	4.1	3.2	.4								9.9	5.7
WSW	.4	1.4	1.9	.7								4.4	7.4
W	1.9	3.4	3.3	1.7	.2							10.5	7.1
WNW	.3	.6	.4	.1								1.4	5.9
NW	.7	1.4	.9	.2								3.3	5.7
NNW	.1	.1										.2	3.5
VARBL													
CALM												30.3	
	20.3	27.8	16.7	4.5	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1105

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L & T.)

CONDITION

WIND (KTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.6	.2	.1								1.6	4.9
NNE		.1										.1	5.0
NE	1.5	1.4	.3									3.3	5.9
ENE	.3	.3		.1								.7	5.0
E	3.1	5.6	3.6	1.3								13.5	6.1
ESE	.7	.8	.3	.1								1.9	5.1
SE	2.1	2.0	.9	.3								5.4	5.0
SSE	.6	.6										1.2	3.6
S	2.1	3.7	1.7									7.5	5.0
SSW	1.3	1.5	.8	.1								3.8	4.9
SW	2.7	5.7	4.0	.9	.2	.1						13.6	6.4
WSW	.3	1.6	.9	.9	.8							4.6	5.4
W	1.3	3.8	6.1	2.5	.6	.2						14.5	6.4
WNW	.3	1.1	.6	.3								2.3	6.3
NW	1.1	1.0	.6	.3								3.1	5.8
NNW		.2	.2			.1						.5	5.2
VARBL													
CALM												22.2	
	18.3	30.1	20.3	7.0	1.6	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 982

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 3168 STATION NAME ERONG GERMANY AIR STATION YEARS 46-56 MONTH NOV  
CLASS ALL WEATHER HOURS (LST) 0300-0500  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.6	.1								1.9	5.8
NNE	.2	.3										.6	3.8
NE	1.3	1.1	.1									2.5	3.9
ENE	.2	.1	.1	.1								.5	6.0
E	3.7	4.7	3.1	.5								11.9	5.5
ESE	1.3	1.4	.7									3.5	4.6
SE	2.6	2.7	.7	.4								6.5	4.7
SSE	.7	.3										1.0	3.1
S	3.2	3.9	2.0									9.1	4.7
SSW	1.8	1.8	.7									4.4	4.5
SW	2.8	4.8	3.7	1.1	.3	.2						12.9	6.8
WSW	.5	1.7	1.6	1.2	.3	.1						5.5	8.7
W	2.6	3.9	5.1	2.2	.7	.1						14.6	7.9
WNW	.5	.7	.5	.4								2.1	6.5
NW	.9	.6	.8	.1								2.4	5.7
NNW	.5	.2	.2									.9	4.3
VARBL													
CALM												19.5	
	23.5	28.8	19.9	6.2	1.3	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 983

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH NOV  
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.2	.1									1.5	2.9
NNE	.4		.1	.1								.6	3.0
NE	1.6	.6	.4	.3								3.0	4.8
ENE	.2	.3	.4									.9	6.0
E	3.9	5.8	3.0	.4								13.0	3.2
ESE	1.4	1.8	.3									3.6	4.3
SE	3.1	2.8	.9									6.8	4.2
SSE	.7	.2	.3									1.2	4.3
S	2.6	3.8	1.6									8.0	4.9
SSW	1.1	1.5	.6									3.3	4.8
SW	2.4	5.2	5.1	.6	.2	.1						13.6	6.6
WSW	.7	1.9	1.5	1.3	.6	.1						6.2	9.0
W	2.2	3.7	4.0	2.3	.5	.2						12.9	8.1
WNW	.5	.2	.2	.4								1.6	7.3
NW	.5	1.7	.5	.1								2.8	5.6
NNW		.2	.4									.6	6.8
VARBL													
CALM												20.2	
	22.7	30.0	19.7	5.6	1.3	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 983



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.2									1.2	4.6
NNE	.5	.1	.1	.1								.8	4.9
NE	1.0	2.1	.5	.1								3.9	5.1
ENE	.6	.1	.6	.2								1.8	6.1
E	3.5	6.3	2.6	1.0	.2	.1						13.7	5.9
ESE	1.0	1.7	.8	.4								4.0	5.5
SE	2.2	1.9	.7	.2								5.1	4.7
SSE		.3	.1									.4	5.3
S	2.2	2.5	1.5	.1								6.4	5.0
SSW	.3	.8	.2									1.3	4.9
SW	2.2	3.8	3.4	1.4	.3							11.1	7.0
WSW	.7	1.5	1.9	.7	.5	.4						5.8	9.2
W	3.2	5.6	6.0	4.0	.9	.5	.1					20.2	6.4
WNW	.8	.7	1.0	.6								3.2	7.2
NW	1.1	1.8	.4	.2	.2							3.8	6.0
NNW	.2	.4	.2									.8	5.6
VARBL													
CALM												16.6	
	20.2	30.5	20.4	9.0	2.1	1.0	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

984

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/WAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY

R STATION  
NAME

46-56  
YEAR

NOV  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.0	.5									3.9	3.9
NNE	.3	.2	.1	.2								.8	6.6
NE	1.9	2.3	.7	.2								5.2	5.0
ENE	.5	.4	.6	.1								1.6	5.9
E	3.3	8.7	4.8	1.1								17.9	5.9
ESE	1.0	1.7	.6	.1								3.5	5.1
SE	.5	1.5	.8									2.8	5.3
SSE		.4	.1									.5	5.4
S	1.6	.8	.3	.1								2.8	4.3
SSW	.5	.2	.2									1.0	4.5
SW	.5	2.1	2.1	1.5	.3	.2						6.7	8.8
WSW	.7	.8	1.2	1.6	.3	.3						5.0	10.5
W	3.9	5.8	8.9	4.8	1.7	.1						25.1	8.6
WNW	.5	1.0	.8	.9	.1							3.4	8.2
NW	1.0	3.8	1.5	1.0		.1						7.4	6.6
NNW	.6	.3	.3									1.2	4.7
VARBL													
CALM												11.1	
	19.2	31.3	23.6	11.7	2.3	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

983

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION    ERDING GERMANY AIR STATION    46-56    YEARS    NOV    MONTH  
1500-1700    HOURS (LST)  
ALL WEATHER    CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.2	.4	.1								4.8	4.2
NNE	.2	.5	.1	.3								1.1	6.9
NE	1.4	2.0	.5	.1								4.1	4.7
ENE	.8	.4	.4	.2								1.8	5.3
E	4.8	7.7	2.8	1.1								16.5	5.3
ESE	1.0	.9	1.2	.2								3.4	6.0
SE	1.6	2.8	.6	.2								5.3	4.9
SSE	.5	.5										1.0	3.7
S	1.2	1.8	.5									3.6	4.5
SSW	.3	.7	.3									1.3	5.4
SW	1.4	2.1	1.8	1.4	.4							7.2	7.9
WSW	1.0	1.1	1.9	.8	.1							5.0	7.6
W	2.9	5.8	6.2	4.3	.9	.5						20.6	8.5
WNW	1.2	.6	.6	.7								3.2	6.5
NW	1.2	2.7	.9	.1								5.0	5.2
NNW	.4	.4	.2									1.0	4.7
VARBL													
CALM												15.2	
	22.2	32.5	18.6	9.6	1.4	.5						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS    984

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.9	.8	.1		.1							1.9	4.5
NNE	.3	.2										.5	3.8
NE	2.0	1.1	.3	.1								3.6	4.2
ENE	.3	.2	.3	.2								1.0	3.7
E	5.6	5.1	4.1	.5	.1							13.3	5.8
ESE	1.1	1.2	.7	.1								3.2	5.1
SE	2.7	4.0	.8	.1								7.6	4.5
SSE	.5	1.2										1.7	4.1
S	1.8	3.3	1.7	.3								7.1	5.5
SSW	.9	1.6	.4									2.9	4.4
SW	1.4	4.0	2.7	1.3								9.5	6.8
WSW	.4	2.2	1.4	.7	.4							5.2	8.1
W	1.6	5.4	6.2	3.8	.6	.2						17.8	5.3
WNW	.9	.5	.3	.5								2.2	6.7
NW	1.5	2.1	1.0	.1								4.8	5.1
NNW	.5	.4	.2									1.1	4.0
VARBL													
CALM												16.6	
	20.6	33.3	20.3	7.7	1.2	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

984

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH NOV  
CLASS ALL WEATHER HOURS (LST) 2100-2300  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.3	.2								2.0	5.3
NNE	.2	.1										.4	3.3
NE	1.2	1.5	.1									2.8	5.9
ENE	.7	.2	.2	.2								1.5	5.4
E	2.6	5.1	4.4	1.2								13.3	6.4
ESE	1.0	1.1	.2	.2								2.5	5.0
SE	2.4	4.0	.6	.1								7.1	4.5
SSE	.3	.4										.7	3.7
S	2.4	5.1	2.3									9.9	5.2
SSW	.6	1.3	.9									2.8	5.3
SW	2.0	4.5	3.5	.8	.1	.1						11.0	6.6
WSW	.6	1.3	1.9	1.6	.1							5.6	6.8
W	2.0	5.2	6.2	2.3	.7	.5						17.0	8.2
WNW	.5	.9	.9	.4								2.7	6.7
NW	.6	.7	1.7	.3								2.6	6.7
NNW	.2	.2	.2									.6	5.0
VARBL													
CALM												17.4	
	16.4	32.5	22.8	7.4	.9	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 983

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	.3	.1								2.2	5.4
NNE	.3											.3	3.0
NE	1.1	1.6	.1									2.9	4.2
ENE	.2	.6	.2									1.0	4.8
E	3.6	4.0	2.8	.5								10.9	5.3
ESE	.8	.3	.1	.2								1.4	4.9
SE	2.2	2.3		.1								4.5	4.1
SSE	.7	.2		.1								1.0	4.5
S	2.0	1.9	2.7									6.7	5.6
SSW	.5	.5	.6	.1								1.7	5.9
SW	3.3	4.9	3.4	1.8	.2							13.6	6.7
WSW	.2	1.2	1.5	2.4	.3	.2						5.8	10.5
W	1.9	4.2	4.1	3.4	1.3	.8						15.8	9.6
WNW	.2	.5	.3	.1								1.1	6.2
NW	.2	1.0	.7	.1	.2							2.3	7.1
NNW		.3										.8	5.3
VARBL													
CALM												28.3	
	17.8	24.9	16.8	8.9	2.0	1.0						105.5	4.9

TOTAL NUMBER OF OBSERVATIONS 976

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34158  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.2									2.2	4.4
NNE	.0											.3	3.0
NE	.8	1.0	.6									2.4	3.1
ENE	.4	.4	.1									.9	4.1
E	3.4	3.3	2.1	.8								9.6	5.5
ESE	.8	.5	.4									1.7	4.6
SE	2.7	2.2	.7	.1								5.7	4.4
SSE	.4	.4	.1									.9	4.1
S	2.1	1.9	2.6	.1								6.7	3.6
SSW	.5	.7	.5	.3								2.0	6.6
SW	3.3	4.1	4.1	2.0	.1							13.6	6.9
WSW	.5	1.0	1.5	2.3	.7	.2						6.3	11.2
W	2.3	3.5	3.1	3.5	.8	.4						16.0	8.9
WNW	.2	.1	.2	.3	.1							.9	9.3
NW	.5	1.1	.5									2.1	4.9
NNW		.3	.4									.7	6.9
VARBL													
CALM												27.4	
	18.2	22.2	19.2	9.5	1.7	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 980

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
CLASS ALL WEATHER HOURS (L S T) 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.4									2.0	5.0
NNE	.4	.2	.1									.7	4.4
NE	.8	1.2	.7									2.7	5.0
ENE	.5	.2	.1									.8	3.5
E	3.9	4.8	1.7	.6								11.0	5.0
ESE	.6	1.1	.7	.2								2.6	3.7
SE	1.1	2.5	.5	.2								4.3	5.1
SSE	.4	.3	.2	.1								1.0	3.4
S	2.1	3.4	3.3	.2								9.1	5.9
SSW	.9	1.4	.7	.4								3.4	5.9
SW	3.1	4.8	2.8	1.7								13.4	6.5
WSW	.1	1.2	1.9	1.8	.7							5.8	10.5
W	2.1	2.8	4.6	3.2	1.3	.8						14.9	9.7
WNW		.3	.1	.6								1.0	10.9
NW	.8	1.5	.2									2.5	4.6
NNW		.6										.6	5.3
VARBL													
CALM												24.0	
	17.5	27.5	19.1	9.1	2.0	.8						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 929



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

66-56  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	.4									2.1	4.9
NNE	.4	.5										.9	4.1
NE	.4	1.9	1.5	.1								3.8	6.2
ENE	.1	.5										.6	4.5
E	4.3	5.7	2.4	.9								13.3	5.2
ESE	.5	.9	.2									1.6	4.6
SE	1.3	2.7	1.2									5.1	5.1
SSE	.3	.6	.2	.1								1.2	5.9
S	1.9	2.3	1.3	.3	.1							5.8	5.6
SSW	.7	1.0	1.0	.1								2.8	5.9
SW	2.4	4.3	3.5	2.4								12.6	7.4
WSW	.9	1.8	1.8	1.7	.3	.4						6.8	9.3
W	2.4	3.6	5.2	2.9	1.5	.7						16.2	9.2
WNW	.6	.2	.3	.1	.1							1.5	6.7
NW	1.1	2.2	1.0	.3								4.5	5.7
NNW	.3	.4										.7	4.3
VARBL													
CALM												20.6	
	17.9	29.6	20.1	8.8	2.0	1.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1017

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
CLASS ALL WEATHER HOURS (LST) 1200-1400  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.2	.2								2.5	5.4
NNE	.3	.8	.2									1.3	4.8
NE	1.2	1.9	1.7	.4								5.1	5.9
ENE	.2	.1	.4									.7	5.4
E	4.4	7.8	2.6	.7	.1	.1						15.7	5.5
ESE	.2	1.0	.4									1.6	5.4
SE	1.6	1.6	.8									3.9	4.9
SSE	.7	.6	.1									1.4	4.1
S	.9	1.2	.7	.1								2.8	5.5
SSW	.1	1.0	.3	.1								1.5	6.1
SW	1.9	3.0	2.4	1.4	.4							9.0	7.3
WSW	.6	2.1	1.8	1.6	.7	.4						7.1	10.1
W	2.1	5.4	6.3	5.0	.8	1.0						20.5	9.3
WNW	.1	1.2	.6	.4	.2	.2						2.6	9.2
NW	1.6	1.7	1.0	.3	.2							4.7	6.0
NNW	.3	.1										.4	3.3
VARBL													
CALM												19.2	
	17.0	30.3	19.3	10.1	2.4	1.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1019

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
CLASS ALL WEATHER HOURS (LST) 1500-1700  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	.1									2.5	4.3
NNE	.5	.2	.5									1.2	5.2
NE	1.3	1.9	1.2	.2								4.5	5.5
ENE	.2	.5	.5									1.2	6.1
E	5.3	6.5	2.1	.3								14.2	4.7
ESE	1.2	.9	.3	.1								2.5	4.7
SE	1.8	2.6	.2	.1								4.6	4.4
SSE	.2	.5	.5									1.2	5.8
S	1.3	2.2	.6	.1								4.1	4.7
SSW	.7	.9	.3									1.9	4.3
SW	2.2	3.1	2.8	.6								8.7	6.0
WSW	.4	2.1	2.4	1.3	.5	.5						7.1	9.8
W	2.5	5.2	5.1	4.0	1.0	.5						18.3	8.6
WNW	.5	.7	.2	.5	.1							2.0	7.6
NW	1.1	1.4	1.0	.4	.1							5.9	6.6
NNW	.1	.4										.5	5.0
VARBL													
CALM												21.8	
	20.2	30.2	17.6	7.6	1.6	1.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1016

DATA PROCESSING DIVISION  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 34168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
 CLASS ALL WEATHER HOURS (LST) 1800-2000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 55	%	MEAN WIND SPEED
N	.6	.6	.1									1.3	4.5
NNE	.2	.3	.1									.6	3.0
NE	1.2	2.1	.6									4.0	4.9
ENE	.1	.7										.8	4.3
E	4.5	5.4	2.1	.2								13.1	5.0
ESE	.5	.4	.4									1.3	4.7
SE	2.4	3.3	.2									5.9	4.0
SSE	.5	.8	.1									1.4	4.5
S	1.8	2.7	1.8	.4								7.7	5.7
SSW	.4	1.4	.8									2.6	5.5
SW	2.3	4.1	2.6	1.4	.2							10.7	6.6
WSW	.6	1.0	2.2	1.5	.2	.3		.1				6.0	10.0
W	2.7	4.2	4.2	3.8	1.1							16.1	8.4
WNW	.3	.8		.5	.1							1.7	7.8
NW	1.0	1.1	.5	.3								3.0	5.7
NNW	.1											.1	2.0
VARBL													
CALM												23.5	
	12.5	29.9	16.9	8.1	1.6	.3		.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24168 STATION NAME ERDING GERMANY AIR STATION YEARS 46-56 MONTH DEC  
CLASS ALL WEATHER HOURS (LST) 2100-2300  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	.3	.1								1.4	5.9
NNE		.3	.1									.4	5.8
NE	1.2	2.3	.1									3.6	4.3
ENE	.4	.6										1.0	4.0
E	3.3	4.7	3.2	.3								11.5	5.3
ESE	.4	1.2	.2	.1								2.0	5.1
SE	2.0	1.6	.5									4.1	4.1
SSE	.6	.5	.1									1.2	4.3
S	2.4	3.2	2.3	.3								8.1	5.6
SSW	.7	1.0	.3	.4								2.5	6.0
SW	3.3	4.3	3.2	1.4	.2							12.4	6.5
WSW	.6	1.3	2.7	2.5	.4	.3						7.9	10.3
W	2.7	5.6	4.0	2.7	1.6	.3						16.9	8.5
WNW	.2	.4		.1								.7	6.1
NW	.3	.9	.3		.1							1.6	5.9
NNW	.2		.1									.3	4.0
VARBL													
CALM												24.3	
	18.5	29.0	17.4	7.9	2.4	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 974

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34168 STATION EROING GERMANY AIR STATION 46-57 YEARS ALL MONTH ALL HOURS (L S T)  
INSTRUMENT  
CLASS  
CIG 200 TO 1400 FT N/ VSBY 1/2 MI OR MORE,  
CONDITION  
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	1.2	.4	.0	.0						5.3	5.7
NNE	.4	.3	.2	.1	.0							1.0	5.3
NE	1.4	1.8	.8	.2	.0							4.3	5.2
ENE	.4	.5	.3	.0								1.3	5.0
E	3.3	4.9	2.4	.5	.0							11.2	5.4
ESE	.7	.8	.3	.0								1.9	4.8
SE	1.7	1.8	.4	.0								3.9	4.3
SSE	.4	.2	.0	.0								.7	3.8
S	1.6	1.2	.4	.1	.0							3.2	4.4
SSW	.4	.5	.1	.0		.0						1.1	4.6
SW	2.2	2.9	1.7	.6	.1	.0						7.4	5.9
WSW	.6	1.2	1.4	.9	.2	.1	.0	.0				4.4	8.6
W	2.9	6.0	5.2	2.9	.8	.2	.0					18.0	7.8
WNW	.6	.9	.8	.6	.1	.0						3.0	7.5
NW	1.9	2.7	1.6	.6	.1	.0	.0					6.9	6.1
NNW	.4	.6	.3	.1	.0	.1						1.6	6.5
VARBL													
CALM												24.8	
	20.7	28.4	17.3	7.0	1.3	.5	.0	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 18776

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART D

## CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.6			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.6%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: 'ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile.'

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .01
NO CEILING	14.4	24.6	27.9	29.9	31.6	32.0	33.0	33.4	33.6	34.0	34.2	34.3	34.5	34.5	34.6	35.0
≥ 20000	16.7	28.3	31.5	34.1	36.0	36.5	37.5	38.0	38.2	38.7	38.9	39.0	39.2	39.3	39.4	39.7
IV 18000	17.1	28.9	32.2	34.9	36.7	37.3	38.3	38.8	39.0	39.3	39.6	39.8	40.0	40.1	40.2	40.5
≥ 16000	17.2	29.2	32.5	35.2	37.0	37.6	38.6	39.1	39.3	39.8	40.1	40.1	40.3	40.4	40.5	40.8
IV 14000	17.4	29.5	32.8	35.5	37.4	37.9	39.0	39.5	39.7	40.2	40.5	40.6	40.7	40.8	40.9	41.3
≥ 12000	18.0	30.4	33.9	36.6	38.6	39.2	40.2	40.8	41.0	41.5	41.8	41.8	42.0	42.1	42.2	42.5
IV 10000	19.2	32.6	36.3	39.3	41.4	42.0	43.2	43.8	44.0	44.3	44.8	44.9	45.1	45.2	45.3	45.6
≥ 9000	20.1	34.1	38.0	41.1	43.3	44.0	45.2	45.8	46.1	46.6	46.9	47.0	47.2	47.3	47.4	47.7
IV 8000	21.9	37.3	41.5	45.0	47.5	48.2	49.6	50.2	50.5	51.0	51.4	51.5	51.7	51.8	51.9	52.2
≥ 7000	22.9	39.2	43.7	47.3	50.0	50.7	52.1	52.8	53.1	53.7	54.0	54.1	54.3	54.5	54.6	54.9
IV 6000	23.5	40.5	45.2	49.0	51.7	52.5	54.0	54.7	54.9	55.5	55.9	56.0	56.2	56.3	56.4	56.8
≥ 5000	24.6	42.6	47.6	51.5	54.5	55.3	56.8	57.3	57.8	58.4	58.8	58.9	59.1	59.2	59.3	59.7
IV 4500	25.1	43.7	48.8	52.9	55.9	56.7	58.3	59.0	59.3	59.9	60.3	60.4	60.6	60.8	60.9	61.2
≥ 4000	26.4	46.1	51.6	56.0	59.1	60.0	61.7	62.4	62.7	63.4	63.8	63.9	64.1	64.2	64.3	64.7
IV 3500	27.4	48.0	53.7	58.3	61.7	62.6	64.4	65.2	65.5	66.2	66.6	66.7	66.9	67.0	67.1	67.5
≥ 3000	29.2	51.5	57.7	62.8	66.5	67.5	69.4	70.2	70.5	71.3	71.7	71.8	72.1	72.2	72.3	72.6
IV 2500	30.5	54.1	60.7	66.3	70.3	71.4	73.4	74.3	74.7	75.5	75.9	76.0	76.3	76.4	76.5	76.8
≥ 2000	31.8	56.2	63.5	69.5	73.9	75.1	77.4	78.5	79.0	79.8	80.3	80.4	80.6	80.7	80.8	81.2
IV 1600	31.6	56.5	63.8	69.9	74.3	75.7	78.1	79.2	79.6	80.5	81.0	81.1	81.3	81.4	81.5	81.9
≥ 1500	32.0	57.7	65.4	71.9	75.5	76.2	80.8	82.1	82.6	83.5	84.0	84.1	84.4	84.5	84.6	85.0
IV 1200	32.2	58.3	66.3	73.1	76.4	77.0	82.9	84.0	84.5	85.5	86.1	86.2	86.5	86.6	86.7	87.1
≥ 1000	32.4	59.0	67.1	74.3	80.0	81.6	84.7	86.2	86.8	88.1	88.7	88.8	89.2	89.3	89.4	89.8
IV 900	32.4	59.1	67.3	74.6	80.4	82.0	85.2	86.8	87.4	88.7	89.4	89.5	89.8	89.9	90.0	90.5
≥ 800	32.5	59.3	67.7	75.1	81.1	82.8	86.2	87.9	88.6	90.0	90.8	90.9	91.3	91.4	91.5	91.9
IV 700	32.5	59.4	67.8	75.3	81.5	83.2	86.8	88.4	89.1	90.5	91.3	91.4	91.8	91.9	92.0	92.5
≥ 600	32.5	59.5	67.9	75.5	81.8	83.7	87.4	89.4	90.1	91.6	92.6	92.8	93.2	93.4	93.5	93.9
IV 500	32.5	59.5	68.0	75.6	82.1	84.0	87.8	90.0	90.8	92.7	93.8	94.0	94.5	94.7	94.8	95.2
≥ 400	32.5	59.6	68.0	75.7	82.2	84.1	88.0	90.3	91.2	93.2	94.4	94.6	95.2	95.4	95.6	96.1
IV 300	32.5	59.6	68.0	75.7	82.2	84.2	88.2	90.5	91.4	93.6	95.1	95.4	96.2	96.5	96.9	97.0
≥ 200	32.5	59.6	68.0	75.7	82.2	84.2	88.2	90.5	91.4	93.6	95.1	95.4	96.2	96.5	96.9	97.0
IV 100	32.5	59.6	68.0	75.7	82.2	84.2	88.2	90.5	91.4	93.6	95.1	95.4	96.2	96.5	96.9	97.0
≥ 0	32.5	59.6	68.0	75.7	82.2	84.2	88.2	90.5	91.4	93.6	95.1	95.4	96.2	96.5	96.9	97.0

TOTAL NUMBER OF OBSERVATIONS 98329

8  
1

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MA:

# CEILING VERSUS VISIBILITY

34162 ERDING GERMANY AIR STATION

47-57

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM FOURTY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	> 1	≥ 0
NO CEILING	4.3	11.4	13.8	16.6	18.3	19.4	20.5	21.7	22.0	22.3	23.2	23.2	23.4	23.5	23.6	24.0
≥ 20000	5.1	13.0	15.7	18.8	21.3	22.1	23.7	24.7	25.3	26.2	26.6	26.7	27.9	26.9	27.1	27.4
IV 18000	5.3	13.5	14.3	19.3	22.0	23.8	24.5	25.3	26.3	27.0	27.4	27.5	27.8	27.8	27.9	28.3
IV 16000	5.3	13.6	15.5	15.6	22.2	23.0	24.7	25.3	26.2	27.2	27.7	27.9	28.0	28.1	28.2	28.1
IV 14000	5.6	13.9	16.8	20.0	22.6	23.4	23.1	26.2	26.7	27.7	28.1	28.2	28.3	28.6	28.7	29.0
IV 12000	6.1	15.0	18.0	21.4	24.1	24.9	26.7	27.8	28.3	29.2	29.7	29.8	30.1	30.2	30.3	30.3
IV 10000	6.4	16.6	17.7	23.4	26.4	27.2	29.2	30.4	30.9	31.9	32.4	32.5	32.8	32.9	33.0	33.3
IV 9000	7.3	17.3	20.8	24.6	27.7	28.6	30.8	31.9	32.4	33.3	34.0	34.1	34.1	34.3	34.7	35.0
IV 8000	8.2	18.1	23.0	27.4	30.9	32.0	34.2	35.6	36.1	37.4	37.9	38.0	38.3	38.4	38.5	38.9
IV 7000	8.6	19.4	24.0	28.7	32.5	33.6	36.1	37.5	38.0	39.4	40.1	40.1	40.3	40.6	40.7	41.1
IV 6000	8.9	20.5	24.8	29.7	33.7	34.9	37.3	38.7	39.3	40.7	41.4	41.5	41.9	41.9	42.1	42.4
IV 5000	9.2	21.2	25.3	30.8	35.0	36.3	38.9	40.3	40.9	42.3	43.0	43.1	43.4	43.5	43.6	44.0
IV 4500	9.6	21.8	26.5	31.8	36.1	37.4	40.1	41.5	42.0	43.4	44.2	44.3	44.6	44.7	44.8	45.2
IV 4000	10.4	23.4	28.4	33.9	38.5	39.9	42.7	44.1	44.7	46.2	46.8	46.9	47.3	47.4	47.5	47.9
IV 3500	11.3	25.3	30.3	36.3	41.2	42.5	43.8	47.0	47.6	49.2	49.8	49.9	50.4	50.5	50.6	50.9
IV 3000	12.4	27.3	32.1	39.3	45.0	46.3	49.8	51.4	52.1	53.8	54.6	54.7	55.2	55.3	55.4	55.7
IV 2500	13.4	29.1	33.3	42.2	48.3	49.8	53.3	55.2	55.9	57.8	58.6	58.7	59.1	59.2	59.4	59.7
IV 2000	14.2	31.3	35.4	46.0	52.8	54.6	59.1	61.3	62.0	64.3	65.0	65.1	65.6	65.7	65.8	66.2
IV 1800	14.3	31.7	38.8	46.4	53.0	55.5	60.1	62.4	63.2	65.6	66.2	66.3	66.8	66.9	67.0	67.4
IV 1500	14.6	32.9	40.7	49.2	57.1	59.3	64.6	67.1	68.0	70.4	71.4	71.5	72.1	72.2	72.3	72.7
IV 1200	14.6	33.5	41.8	51.3	58.2	62.3	68.8	71.1	72.2	74.6	75.7	75.8	76.3	76.4	76.7	77.1
IV 1000	13.0	34.2	42.7	52.8	62.6	65.0	71.4	74.5	75.7	78.9	80.1	80.3	81.0	81.1	81.3	81.7
IV 900	13.0	34.2	42.7	52.8	62.6	65.0	71.4	74.5	75.7	78.9	80.1	80.3	81.0	81.1	81.3	81.7
IV 800	13.1	34.6	43.3	53.0	64.1	66.7	73.8	77.4	78.9	82.2	83.8	84.0	85.0	85.2	85.4	85.8
IV 700	13.1	34.6	43.3	53.0	64.1	66.7	73.8	77.4	78.9	82.2	83.8	84.0	85.0	85.2	85.4	85.8
IV 600	13.1	34.6	43.3	53.0	64.1	66.7	73.8	77.4	78.9	82.2	83.8	84.0	85.0	85.2	85.4	85.8
IV 500	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5
IV 400	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5
IV 300	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5
IV 200	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5
IV 100	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5
IV 0	13.1	34.7	43.6	53.3	65.3	68.3	76.6	81.1	82.8	87.0	89.3	89.9	91.3	91.7	92.0	92.5

TOTAL NUMBER OF OBSERVATIONS 8180

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168 BRDING GERMANY AIR STATION

47-57

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

ALL  
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING	4.7	12.0	15.3	17.4	19.9	21.0	23.0	24.3	24.8	25.5	26.2	26.4	26.6	26.8	26.9	27.2
≥ 2500	5.4	13.0	17.1	19.8	22.6	23.7	26.0	27.3	27.9	28.8	29.5	29.7	29.9	30.2	30.3	30.6
≥ 1800	5.0	13.9	17.7	20.4	23.2	24.4	26.7	28.0	28.7	29.5	30.2	30.4	30.6	30.9	31.0	31.3
≥ 1600	5.6	14.1	17.9	20.6	23.5	24.7	27.0	28.3	28.9	29.8	30.5	30.7	30.9	31.2	31.2	31.6
≥ 1400	5.7	14.3	18.2	20.9	23.8	25.1	27.4	28.8	29.4	30.3	31.0	31.2	31.4	31.7	31.8	32.1
≥ 1200	5.9	14.9	19.2	22.0	24.9	26.2	28.6	30.0	30.6	31.5	32.2	32.5	32.7	33.0	33.1	33.4
≥ 1000	6.6	16.8	21.3	24.4	27.5	29.0	31.6	33.1	33.8	34.7	35.5	35.7	36.0	36.2	36.4	36.7
≥ 900	6.8	17.6	22.1	25.2	28.7	30.2	32.9	34.5	35.2	36.2	37.1	37.3	37.5	37.8	37.9	38.2
≥ 800	7.0	19.5	24.5	28.0	31.7	33.3	36.3	38.1	38.8	39.9	40.7	40.9	41.2	41.5	41.6	42.0
≥ 700	8.3	20.5	25.7	29.5	33.4	35.1	38.4	40.2	40.9	42.1	43.0	43.2	43.5	43.8	43.9	44.3
≥ 600	8.6	21.5	26.6	30.7	34.8	36.6	40.0	41.8	42.6	43.7	44.7	44.9	45.2	45.5	45.6	46.0
≥ 500	9.2	22.8	28.5	32.6	36.8	38.6	42.1	44.0	44.9	46.1	47.1	47.3	47.6	47.9	48.0	48.4
≥ 450	9.5	23.7	29.5	33.7	38.0	39.9	43.4	45.4	46.2	47.5	48.5	48.7	49.0	49.3	49.4	49.8
≥ 400	10.5	26.0	32.3	36.9	41.5	43.5	47.2	49.3	50.2	51.7	52.7	52.9	53.2	53.5	53.7	54.0
≥ 350	11.1	27.4	33.9	38.8	43.5	45.6	49.5	51.6	52.5	54.1	55.1	55.4	55.7	55.9	56.1	56.5
≥ 300	12.4	30.4	37.7	43.5	48.9	51.2	55.3	57.6	58.5	60.2	61.3	61.5	61.8	62.1	62.2	62.6
≥ 250	13.5	33.1	40.8	47.4	53.1	55.6	60.1	62.5	63.5	65.3	66.4	66.6	66.9	67.2	67.4	67.8
≥ 200	14.5	35.4	44.1	51.3	57.7	60.4	65.8	68.2	69.4	71.3	72.5	72.8	73.1	73.3	73.5	73.9
≥ 180	14.6	35.7	44.3	51.7	58.4	61.1	66.5	68.9	70.6	72.5	73.9	74.1	74.4	74.7	74.9	75.3
≥ 150	14.9	37.2	46.3	54.3	61.5	64.5	70.5	73.7	75.0	77.3	78.8	79.0	79.4	79.7	79.8	80.3
≥ 120	15.2	37.6	47.0	55.2	63.0	66.1	72.4	75.8	77.3	79.6	81.2	81.4	81.9	82.2	82.4	82.9
≥ 100	15.3	38.1	47.6	56.1	64.4	67.6	74.3	78.0	79.7	82.8	84.7	85.0	85.6	85.9	86.1	86.6
≥ 90	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 80	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 70	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 60	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 50	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 40	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 30	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 20	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 10	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0
≥ 0	15.4	38.4	48.0	56.6	65.4	68.7	75.7	79.7	81.7	85.2	87.2	87.5	88.0	88.3	88.5	89.0

TOTAL NUMBER OF OBSERVATIONS 7462

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING	14.1	26.5	30.6	33.7	35.7	36.1	36.8	37.2	37.4	37.7	37.7	38.0	38.1	38.2	38.3
≥ 20000	16.3	31.1	35.7	39.1	41.4	42.0	42.8	43.3	43.5	43.8	44.0	44.1	44.2	44.3	44.4
IV 18000	16.8	31.8	36.3	40.0	42.3	42.9	43.7	44.2	44.4	44.7	44.9	45.0	45.1	45.2	45.3
IV 16000	16.8	32.2	36.8	40.3	42.7	43.3	44.1	44.6	44.8	45.1	45.3	45.4	45.5	45.6	45.7
IV 14000	17.1	32.6	37.3	40.8	43.2	43.8	44.7	45.2	45.4	45.6	45.9	46.0	46.1	46.2	46.3
IV 12000	17.8	33.7	38.6	42.1	44.7	45.3	46.2	46.7	46.9	47.1	47.4	47.5	47.6	47.7	47.8
IV 10000	18.9	35.8	41.0	44.8	47.5	48.2	49.1	49.6	49.8	50.1	50.4	50.5	50.6	50.7	50.8
IV 9000	19.8	37.5	42.9	47.0	49.9	50.5	51.5	52.0	52.3	52.6	52.9	53.0	53.1	53.2	53.3
IV 8000	21.3	40.5	46.5	50.9	53.9	54.6	55.8	56.3	56.5	56.9	57.2	57.3	57.4	57.5	57.7
IV 7000	22.3	42.2	48.4	53.0	56.2	57.1	58.3	58.9	59.1	59.5	59.8	59.9	60.0	60.1	60.2
IV 6000	22.7	43.1	49.5	54.3	57.5	58.4	59.6	60.2	60.4	60.8	61.2	61.2	61.4	61.5	61.6
IV 5000	23.2	44.5	51.1	56.0	59.3	60.2	61.6	62.1	62.4	62.8	63.1	63.2	63.3	63.4	63.6
IV 4500	23.8	45.4	52.2	57.3	60.7	61.6	63.0	63.6	63.8	64.3	64.6	64.7	64.8	64.9	65.0
IV 4000	24.7	47.7	54.7	60.0	63.6	64.5	66.1	66.7	66.9	67.4	67.7	67.8	67.9	68.0	68.1
IV 3500	25.6	49.4	56.7	62.1	65.9	66.9	68.6	69.3	69.5	70.0	70.3	70.4	70.5	70.7	70.8
IV 3000	27.0	52.6	60.4	66.4	70.8	71.9	73.8	74.5	74.6	75.4	75.7	75.8	75.9	76.0	76.2
IV 2500	28.5	55.3	63.8	70.3	74.9	76.2	78.2	79.0	79.3	79.9	80.2	80.3	80.4	80.5	80.7
IV 2000	29.2	57.3	66.4	73.6	78.7	80.2	83.0	83.5	83.8	84.4	84.8	84.9	85.0	85.1	85.3
IV 1800	29.3	57.7	66.9	74.1	79.3	80.9	83.9	84.2	84.6	85.2	85.6	85.7	85.8	85.9	86.1
IV 1500	29.7	59.0	68.7	76.4	82.0	83.6	86.2	87.4	87.8	88.4	88.8	88.9	89.1	89.2	89.4
IV 1200	30.1	59.7	69.7	77.7	83.4	85.2	88.0	89.3	89.8	90.6	91.0	91.1	91.2	91.4	91.5
IV 1000	30.4	60.6	70.3	79.2	85.3	87.4	90.4	91.8	92.4	93.3	94.0	94.2	94.3	94.4	94.6
IV 900	30.5	60.7	71.1	79.5	85.7	87.8	90.8	92.3	92.9	93.8	94.5	94.7	94.8	95.0	95.3
IV 800	30.5	60.9	71.2	79.9	86.2	88.4	91.5	93.1	93.8	94.7	95.4	95.7	95.8	96.0	96.4
IV 700	30.5	60.9	71.4	80.1	86.6	88.8	92.0	93.6	94.4	95.3	96.0	96.3	96.4	96.5	96.7
IV 600	30.5	61.0	71.5	80.2	86.8	89.1	92.3	94.0	94.9	95.8	96.5	97.0	97.1	97.3	97.6
IV 500	30.6	61.0	71.6	80.3	86.9	89.3	92.6	94.3	95.3	96.2	97.0	97.5	97.6	97.8	98.3
IV 400	30.6	61.0	71.6	80.3	87.0	89.5	92.6	94.3	95.4	96.4	97.2	97.7	97.8	98.0	98.6
IV 300	30.6	61.0	71.6	80.3	87.0	89.5	92.6	94.4	95.4	96.4	97.2	97.7	97.8	98.0	98.6
IV 200	30.6	61.0	71.6	80.3	87.0	89.5	92.6	94.4	95.4	96.4	97.2	97.7	97.8	98.0	98.6
IV 100	30.6	61.0	71.6	80.3	87.0	89.5	92.6	94.4	95.4	96.4	97.2	97.7	97.8	98.0	98.6
IV 0	30.6	61.0	71.6	80.3	87.0	89.5	92.6	94.4	95.4	96.4	97.2	97.7	97.8	98.0	98.6

TOTAL NUMBER OF OBSERVATIONS

8184

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .6	≥ .58	≥ .5	≥ .46	≥ .4	≥ 0
NO CEILING	21.9	32.6	35.1	36.8	37.7	37.9	38.4	38.4	38.4	38.5	38.6	38.6	38.7	38.7	38.7	38.8
≥ 20000	23.0	38.4	41.2	42.2	44.1	44.4	46.9	44.9	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.3
IV 18000	25.9	39.6	42.5	44.4	45.4	45.7	46.2	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.6
IV 15000	26.2	40.0	42.9	44.9	45.8	46.1	46.6	46.7	46.7	46.8	46.9	46.9	47.0	47.0	47.0	47.1
IV 14000	26.4	40.3	43.2	45.2	46.1	46.4	46.9	47.0	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.4
IV 12000	27.4	41.6	44.6	46.6	47.6	47.9	48.4	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.8
IV 10000	28.9	43.7	46.8	48.9	49.9	50.2	50.6	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.2
IV 9000	29.7	45.2	48.5	50.7	51.8	52.1	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2
IV 8000	31.3	46.1	51.7	54.0	55.2	55.5	56.2	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6
IV 7000	32.7	50.4	54.1	56.6	57.8	58.1	58.8	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.4
IV 6000	33.5	51.6	55.3	58.0	59.3	59.7	60.3	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.9
IV 5000	34.9	54.1	58.2	60.9	62.2	62.6	63.2	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	64.0
IV 4500	35.5	55.3	59.6	62.5	63.8	64.2	65.0	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.5	65.6
IV 4000	37.0	58.2	62.6	65.8	67.3	67.8	68.5	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.2
IV 3500	38.3	60.7	63.3	68.7	70.4	70.9	71.7	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.4
IV 3000	40.6	64.5	70.6	74.4	76.2	76.8	77.7	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.5
IV 2500	42.8	67.9	74.7	78.9	80.8	81.4	82.3	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.1
IV 2000	44.0	71.7	78.1	82.3	84.9	85.6	86.7	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.5
IV 1800	44.3	72.3	78.8	83.5	85.6	86.4	87.3	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.3
IV 1500	44.9	72.8	80.7	85.9	88.3	89.1	90.2	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.2
IV 1200	45.2	74.4	81.5	87.0	89.5	90.3	91.7	92.1	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.8
IV 1000	45.5	75.3	82.6	88.3	91.1	92.2	93.5	93.9	94.0	94.3	94.3	94.3	94.6	94.6	94.6	94.8
IV 900	45.5	75.5	82.7	88.6	91.4	92.6	93.7	94.4	94.5	94.8	94.8	94.8	95.1	95.1	95.1	95.2
IV 800	45.7	75.9	83.5	89.4	92.5	93.6	95.0	95.5	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.4
IV 700	45.7	76.0	83.6	89.6	92.6	93.7	95.4	96.0	96.1	96.3	96.6	96.7	96.8	96.8	96.8	96.9
IV 600	45.7	76.1	83.8	89.9	92.7	93.8	95.5	96.1	96.2	96.4	96.7	96.8	96.9	96.9	96.9	97.0
IV 500	45.7	76.2	83.9	90.0	93.4	94.5	96.2	97.2	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.1
IV 400	45.7	76.2	83.9	90.1	93.6	94.7	96.3	97.4	97.5	97.7	98.0	98.0	98.2	98.2	98.2	98.3
IV 300	45.7	76.2	83.9	90.1	93.6	94.7	96.3	97.5	97.6	97.8	98.1	98.1	98.3	98.3	98.3	98.4
IV 200	45.7	76.2	83.9	90.1	93.6	94.7	96.3	97.6	97.7	97.9	98.2	98.2	98.4	98.4	98.4	98.5
IV 100	45.7	76.2	83.9	90.1	93.6	94.7	96.3	97.6	97.7	97.9	98.2	98.2	98.4	98.4	98.4	98.5
IV 0	45.7	76.2	83.9	90.1	93.6	94.7	96.3	97.6	97.7	97.9	98.2	98.2	98.4	98.4	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS 8156

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	21.6	31.9	34.3	35.8	36.6	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4	37.4	37.5
≥ 20000	26.6	38.2	40.9	42.7	43.6	43.9	44.1	44.2	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.6
IV 18000	27.4	39.5	42.2	44.0	44.9	45.2	45.4	45.5	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.9
IV 16000	27.7	39.9	42.6	44.5	45.4	45.6	45.9	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.3	46.4
IV 14000	28.1	40.3	43.3	45.1	46.1	46.3	46.6	46.6	46.7	46.8	46.9	46.9	46.9	46.9	47.0	47.0
IV 12000	28.8	41.6	44.5	46.5	47.4	47.6	47.9	48.0	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.4
IV 10000	30.7	44.3	47.4	49.5	50.5	50.8	51.0	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.5	51.5
IV 9000	32.0	46.1	49.3	51.6	52.7	52.9	53.2	53.3	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.7
IV 8000	34.6	50.3	53.8	56.3	57.4	57.7	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.5	58.6
IV 7000	36.0	52.6	56.3	58.9	60.2	60.5	60.7	60.8	60.9	61.0	61.1	61.2	61.2	61.2	61.3	61.3
IV 6000	36.8	54.5	58.4	61.1	62.4	62.7	63.0	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.6
IV 5000	38.4	57.4	61.3	64.1	65.6	65.9	66.2	66.3	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.8
IV 4500	39.2	58.8	62.8	65.8	67.4	67.7	68.0	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.6
IV 4000	40.5	61.7	65.9	69.2	70.9	71.2	71.5	71.6	71.7	71.8	71.9	72.0	72.0	72.0	72.1	72.2
IV 3500	41.8	64.0	68.3	71.9	73.7	74.1	74.4	74.5	74.6	74.7	74.8	74.9	74.9	74.9	74.9	75.0
IV 3000	43.3	69.5	74.4	78.2	80.2	80.6	81.0	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.7
IV 2500	47.5	73.4	78.6	82.8	85.1	85.5	86.0	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.7
IV 2000	48.9	76.0	81.6	86.3	88.8	89.3	89.8	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.6
IV 1800	49.0	76.3	81.9	86.6	89.2	89.6	90.2	90.4	90.5	90.6	90.7	90.8	90.8	90.8	90.8	90.9
IV 1500	49.3	77.3	83.2	88.3	91.0	91.5	92.1	92.3	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.9
IV 1200	49.6	77.9	84.0	89.3	92.1	92.6	93.3	93.5	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.2
IV 1000	49.9	78.7	85.0	90.4	93.5	94.2	94.9	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.9
IV 900	49.9	78.8	85.2	90.7	93.8	94.5	95.3	95.5	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.2
IV 800	49.9	79.1	85.6	91.2	94.6	95.3	96.2	96.4	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.3
IV 700	49.9	79.3	85.9	91.6	95.1	95.8	96.8	97.0	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.9
IV 600	50.0	79.3	86.2	91.9	95.6	96.3	97.3	97.6	97.8	98.1	98.2	98.4	98.4	98.4	98.5	98.6
IV 500	50.1	79.5	86.3	92.1	96.0	96.7	97.8	98.2	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.2
IV 400	50.1	79.5	86.3	92.1	96.0	96.8	98.0	98.4	98.6	99.0	99.0	99.3	99.3	99.3	99.4	99.5
IV 300	50.1	79.5	86.3	92.1	96.0	96.8	98.0	98.4	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.7
IV 200	50.1	79.5	86.3	92.1	96.0	96.8	98.0	98.5	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.8
IV 100	50.1	79.5	86.3	92.1	96.0	96.8	98.0	98.5	98.6	99.1	99.1	99.4	99.4	99.4	99.5	100.0
IV 0	50.1	79.5	86.3	92.1	96.0	96.8	98.0	98.5	98.6	99.1	99.1	99.4	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 8517

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168 ERDING GERMANY AIR STATION

40-57

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	21.9	31.6	33.2	34.6	35.1	35.2	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7
IV 18500	25.6	36.3	38.0	39.5	40.0	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.7
IV 16000	26.0	36.8	38.7	40.2	40.6	40.7	40.8	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.4
IV 14000	26.2	37.4	39.2	40.7	41.2	41.3	41.6	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.9
IV 12000	27.0	38.4	40.2	41.8	42.2	42.3	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9	42.9
IV 10000	28.8	41.4	43.4	45.1	45.7	45.8	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.5
IV 9000	30.1	43.3	45.8	47.6	48.2	48.4	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.1
IV 8000	33.4	48.4	52.3	54.4	55.3	55.3	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2
IV 7000	34.6	51.0	55.1	57.3	58.2	58.4	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2
IV 6000	35.7	53.6	57.2	59.6	60.6	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 5000	37.5	56.6	60.4	62.9	64.1	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 4500	38.2	58.1	62.0	64.6	65.8	65.9	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 4000	40.4	61.7	66.0	68.7	70.0	70.2	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1
IV 3500	41.9	64.2	68.8	71.7	73.2	73.4	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.3
IV 3000	43.4	67.7	74.8	78.1	79.8	80.0	80.6	80.7	80.7	80.7	80.9	80.9	81.0	81.0	81.0
IV 2500	47.3	73.3	82.3	86.3	88.4	88.7	89.3	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8
IV 2000	49.1	76.6	86.3	90.3	92.4	92.7	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8
IV 1800	49.3	76.9	86.8	90.8	92.9	93.2	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.3	94.3
IV 1500	50.1	79.1	88.4	92.4	94.5	94.8	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9
IV 1200	50.4	79.7	88.9	92.9	95.0	95.3	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.4
IV 1000	50.6	80.6	89.4	93.4	95.5	95.8	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9
IV 900	50.6	80.7	89.5	93.5	95.6	95.9	96.5	96.7	96.7	96.7	96.9	96.9	96.9	97.0	97.0
IV 800	50.7	80.9	89.7	93.7	95.8	96.1	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2
IV 700	50.7	81.0	89.8	93.8	95.9	96.2	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3
IV 600	50.7	81.0	89.8	93.8	95.9	96.2	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3
IV 500	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4
IV 400	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4
IV 300	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4
IV 200	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4
IV 100	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4
IV 0	50.7	81.1	89.9	93.9	96.0	96.3	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 2142



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34103  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54,56-57  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	25.4	38.1	40.9	42.2	42.8	42.9	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 20000	28.9	42.3	45.4	46.9	47.4	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9
≥ 18000	29.8	43.5	46.8	47.9	48.3	48.3	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 16000	29.9	43.8	46.7	48.1	48.7	48.8	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3
≥ 14000	30.1	44.1	47.0	48.3	49.0	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
≥ 12000	30.9	45.1	48.2	49.7	50.3	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9
≥ 10000	33.0	48.3	51.5	53.1	53.8	53.8	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 9000	34.4	50.8	53.9	55.5	56.2	56.3	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	37.0	54.5	58.2	60.1	60.9	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 7000	38.4	57.0	61.0	63.0	63.8	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 6000	39.3	58.9	63.1	65.2	66.1	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 5000	41.2	62.4	66.7	68.9	69.9	70.0	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 4500	42.0	63.8	68.2	70.4	71.4	71.5	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 4000	44.0	67.5	72.2	74.9	75.6	75.8	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	45.7	69.9	74.8	77.4	78.5	78.6	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	47.9	73.8	79.3	82.2	83.4	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 2500	49.7	76.7	82.8	85.7	87.0	87.2	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 2000	50.9	79.3	85.8	88.8	90.2	90.3	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 1800	51.1	79.8	86.3	89.1	90.5	90.8	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 1500	51.5	80.6	87.1	90.6	92.2	92.4	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1200	51.6	81.0	87.3	91.2	92.9	93.2	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 1000	51.8	81.5	88.2	92.1	94.0	94.3	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 900	51.8	81.8	88.3	92.2	94.2	94.5	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 800	51.8	81.8	88.3	92.2	94.2	94.5	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 700	51.8	81.9	88.7	92.7	94.3	94.8	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 600	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 500	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 400	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 300	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 200	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 100	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 0	51.9	82.0	88.9	92.8	94.6	95.0	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 8180

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54.56-57  
ELEV

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	23.5	36.2	39.5	41.7	42.4	42.6	43.0	43.1	43.1	43.3	43.3	43.3	43.4	43.5	43.5	43.5
≥ 20000	27.4	41.9	45.5	47.9	48.7	48.9	49.2	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5
IV 18000	27.7	42.4	46.1	48.4	49.2	49.4	49.6	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
IV 16000	27.8	42.5	46.2	48.6	49.4	49.6	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3
IV 14000	28.0	42.8	46.3	48.9	49.7	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
IV 12000	28.6	43.8	47.5	50.0	50.8	51.0	51.5	51.6	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9
IV 10000	30.7	47.3	51.2	53.8	54.7	55.0	55.5	55.6	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.2
IV 9000	32.0	49.4	53.5	56.3	57.2	57.4	58.0	58.1	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.7
IV 8000	35.6	53.0	59.5	62.4	63.6	63.8	64.4	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.2
IV 7000	37.6	58.0	62.8	65.8	67.1	67.4	67.9	68.1	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.7
IV 6000	38.7	60.0	64.9	68.0	69.3	69.6	70.2	70.4	70.4	70.5	70.6	70.6	70.7	70.7	70.7	71.0
IV 5000	40.8	63.5	68.7	71.9	73.3	73.6	74.2	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.7	75.0
IV 4500	41.6	64.8	70.1	73.4	74.9	75.2	75.8	76.0	76.0	76.2	76.2	76.2	76.3	76.4	76.4	76.6
IV 4000	43.8	68.2	73.6	77.2	78.7	79.0	79.6	79.8	79.9	80.0	80.1	80.1	80.2	80.3	80.3	80.4
IV 3500	45.3	70.6	76.1	79.8	81.5	81.8	82.4	82.7	82.7	82.8	82.9	82.9	83.0	83.1	83.1	83.3
IV 3000	47.3	73.9	79.8	83.8	85.6	85.9	86.6	86.8	86.8	87.0	87.1	87.1	87.2	87.3	87.3	87.4
IV 2500	48.7	76.1	82.4	86.9	88.8	89.2	89.9	90.1	90.2	90.3	90.4	90.4	90.5	90.6	90.6	90.8
IV 2000	49.5	77.6	84.2	88.9	91.1	91.5	92.3	92.4	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.2
IV 1800	49.6	77.8	84.4	89.1	91.3	91.7	92.5	92.8	92.8	93.0	93.1	93.1	93.2	93.3	93.3	93.4
IV 1500	50.0	78.5	85.3	90.1	92.5	92.9	93.8	94.2	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.9
IV 1200	50.1	78.8	85.7	90.6	93.2	93.6	94.6	95.0	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.7
IV 1000	50.3	79.5	86.5	91.5	94.4	94.8	95.9	96.3	96.4	96.6	96.8	96.8	96.9	96.9	96.9	97.1
IV 900	50.4	79.6	86.7	91.8	94.5	95.2	96.3	96.8	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.6
IV 800	50.4	79.8	86.9	92.1	95.2	95.6	96.8	97.3	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.1
IV 700	50.4	79.8	87.0	92.2	95.3	95.8	97.0	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4
IV 600	50.4	79.8	87.0	92.2	95.5	96.0	97.2	97.9	98.1	98.4	98.5	98.5	98.6	98.7	98.7	98.9
IV 500	50.4	79.9	87.1	92.3	95.6	96.2	97.3	98.2	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.4
IV 400	50.5	79.9	87.1	92.3	95.7	96.3	97.6	98.4	98.5	98.9	99.1	99.1	99.2	99.4	99.4	99.6
IV 300	50.5	79.9	87.1	92.3	95.7	96.3	97.7	98.4	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.7
IV 200	50.5	79.9	87.1	92.3	95.7	96.3	97.7	98.4	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.8
IV 100	50.5	79.9	87.1	92.3	95.7	96.3	97.7	98.4	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.8
0	50.5	79.9	87.1	92.3	95.7	96.3	97.7	98.4	98.5	98.9	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 8181

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	18.2	33.9	37.5	41.0	42.6	43.2	44.2	44.6	44.7	45.1	45.3	45.4	45.7	45.8	46.0	46.2
≥ 20000	20.4	37.5	41.3	45.0	46.8	47.3	48.4	48.8	48.9	49.4	49.6	49.7	50.0	50.1	50.2	50.5
IV 18000	20.8	38.1	42.0	45.7	47.5	48.1	49.1	49.5	49.7	50.1	50.3	50.5	50.7	50.9	51.0	51.3
IV 16000	20.9	38.4	42.3	46.0	47.8	48.3	49.4	49.8	50.0	50.4	50.6	50.7	51.0	51.1	51.3	51.6
IV 14000	21.1	38.6	42.6	46.3	48.1	48.6	49.7	50.1	50.3	50.7	50.9	51.0	51.3	51.4	51.6	51.9
IV 12000	21.8	39.6	43.6	47.4	49.2	49.8	50.9	51.3	51.4	51.9	52.1	52.2	52.5	52.6	52.8	53.1
IV 10000	23.5	42.2	46.3	50.2	52.1	52.7	53.8	54.3	54.4	54.8	55.1	55.2	55.5	55.6	55.8	56.1
IV 9000	24.6	43.9	48.2	52.3	54.2	54.9	56.1	56.6	56.7	57.1	57.4	57.5	57.8	57.9	58.1	58.4
IV 8000	27.2	48.2	52.7	57.1	59.2	59.8	61.1	61.6	61.8	62.2	62.4	62.6	62.9	63.0	63.2	63.5
IV 7000	28.5	50.9	55.7	60.2	62.5	63.2	64.5	65.0	65.2	65.6	65.9	66.0	66.3	66.4	66.6	66.9
IV 6000	29.2	52.5	57.6	62.2	64.6	65.3	66.6	67.1	67.3	67.7	68.0	68.1	68.4	68.5	68.7	69.0
IV 5000	30.7	55.7	61.3	66.2	68.6	69.4	70.7	71.2	71.4	71.9	72.1	72.2	72.5	72.6	72.8	73.1
IV 4500	31.6	57.1	63.0	68.0	70.4	71.2	72.5	73.0	73.2	73.7	73.9	74.1	74.3	74.5	74.6	74.9
IV 4000	32.8	59.4	65.7	71.0	73.5	74.3	75.7	76.2	76.4	76.9	77.1	77.3	77.6	77.7	77.8	78.2
IV 3500	33.9	61.5	68.1	73.5	76.1	76.9	78.3	78.9	79.0	79.5	79.8	80.0	80.2	80.4	80.5	80.8
IV 3000	35.7	65.2	72.2	77.9	80.8	81.6	83.1	83.6	83.8	84.3	84.6	84.7	85.0	85.1	85.3	85.6
IV 2500	37.0	67.7	75.0	81.0	84.0	84.8	86.4	86.9	87.1	87.7	87.9	88.1	88.4	88.5	88.7	89.0
IV 2000	37.7	69.4	77.0	83.4	86.5	87.4	89.0	89.6	89.8	90.3	90.5	90.8	91.0	91.2	91.3	91.7
IV 1800	37.6	69.6	77.1	83.6	86.8	87.7	89.3	89.9	90.1	90.7	91.0	91.1	91.4	91.5	91.7	92.0
IV 1500	38.1	70.4	78.2	84.5	88.2	89.1	91.0	91.6	91.8	92.4	92.7	92.8	93.1	93.2	93.4	93.7
IV 1200	38.2	70.9	78.8	85.5	89.0	89.9	91.9	92.6	92.8	93.3	93.6	93.8	94.1	94.2	94.4	94.7
IV 1000	38.4	71.3	79.3	86.2	89.8	90.8	92.9	93.7	94.0	94.6	94.9	95.0	95.3	95.5	95.6	95.9
IV 900	38.4	71.4	79.4	86.3	90.0	91.0	93.2	94.0	94.2	94.7	95.0	95.2	95.5	95.6	95.9	96.2
IV 800	38.4	71.5	79.5	86.5	90.2	91.4	93.7	94.6	94.8	95.4	95.8	95.9	96.2	96.3	96.5	96.8
IV 700	38.4	71.5	79.6	86.6	90.3	91.6	93.9	94.8	95.0	95.7	96.1	96.2	96.5	96.7	96.8	97.2
IV 600	38.4	71.5	79.6	86.7	90.6	91.7	94.1	95.0	95.2	96.0	96.4	96.5	96.8	97.0	97.1	97.5
IV 500	38.4	71.6	79.7	86.8	90.8	91.9	94.3	95.3	95.6	96.4	96.8	97.0	97.3	97.5	97.6	98.0
IV 400	38.4	71.6	79.8	86.9	90.8	92.0	94.3	95.5	95.8	96.7	97.1	97.3	97.7	97.9	98.0	98.4
IV 300	38.4	71.6	79.8	86.9	90.8	92.0	94.3	95.6	95.9	96.8	97.4	97.6	98.0	98.2	98.3	98.8
IV 200	38.4	71.6	79.8	86.9	90.8	92.0	94.3	95.6	95.9	96.8	97.4	97.6	98.0	98.2	98.3	98.8
IV 100	38.4	71.6	79.8	86.9	90.8	92.0	94.3	95.6	95.9	96.8	97.4	97.6	98.0	98.2	98.3	98.8
IV 0	38.4	71.6	79.8	86.9	90.8	92.0	94.3	95.6	95.9	96.8	97.4	97.6	98.0	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 8295

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.1	23.1	27.0	31.3	34.5	35.4	37.4	38.3	38.5	39.4	39.8	39.9	40.4	40.6	40.8
≥ 20000	11.4	25.6	30.0	34.6	38.2	39.2	41.4	42.3	42.6	43.6	44.1	44.2	44.7	44.9	45.1
IV 18000	11.8	26.3	30.8	35.4	39.0	40.0	42.2	43.1	43.8	44.4	45.0	45.1	45.6	45.8	46.0
IV 14000	11.9	26.5	31.0	35.6	39.2	40.3	42.8	43.4	43.8	44.7	45.2	45.4	45.9	46.1	46.3
IV 10000	12.0	26.6	31.2	35.8	39.4	40.5	42.8	43.7	44.0	45.0	45.6	45.7	46.2	46.4	46.6
IV 8000	12.2	27.4	32.0	36.7	40.4	41.6	43.9	44.9	45.2	46.3	46.8	47.0	47.5	47.7	47.9
IV 6000	12.7	28.6	33.5	38.5	42.4	43.6	46.0	47.0	47.4	48.5	49.0	49.2	49.7	49.9	50.2
IV 5000	13.1	29.8	34.9	40.1	44.1	45.4	47.8	48.9	49.2	50.4	50.9	51.1	51.6	51.8	52.0
IV 4500	13.8	31.7	37.2	42.8	47.1	48.4	51.1	52.2	52.6	53.8	54.4	54.5	55.0	55.3	55.5
IV 4000	14.6	33.4	39.1	44.8	49.3	50.6	53.4	54.5	54.9	56.2	56.9	57.0	57.5	57.8	58.0
IV 3500	15.0	34.4	40.4	46.3	51.0	52.3	55.1	56.2	56.6	57.9	58.6	58.7	59.3	59.5	59.8
IV 3000	15.6	35.6	41.9	48.1	52.9	54.2	57.0	58.2	58.6	59.9	60.6	60.7	61.2	61.5	61.7
IV 2500	15.9	36.4	42.8	49.2	54.1	55.4	58.3	59.4	59.9	61.2	61.9	62.0	62.6	62.9	63.1
IV 2000	16.3	37.7	44.3	51.1	56.3	57.6	60.5	61.8	62.3	63.6	64.2	64.3	65.0	65.3	65.5
IV 1800	17.1	39.0	45.8	52.6	58.0	59.4	62.4	63.7	64.2	65.6	66.3	66.4	67.0	67.3	67.5
IV 1500	18.1	41.1	48.3	55.5	61.1	62.7	65.9	67.2	67.7	69.2	69.9	70.1	70.7	70.9	71.1
IV 1200	19.0	43.0	50.7	58.3	64.4	65.9	69.3	70.8	71.3	72.8	73.5	73.7	74.2	74.5	74.7
IV 1000	19.3	44.3	52.5	60.3	66.9	68.6	72.2	73.8	74.3	76.0	76.8	77.0	77.5	77.8	78.0
IV 900	19.4	44.5	52.8	60.9	67.4	69.1	72.7	74.4	75.0	76.8	77.6	77.9	78.4	78.7	78.9
IV 800	19.6	45.3	53.9	62.6	69.6	71.3	75.2	77.0	77.6	79.3	80.2	80.3	80.9	81.2	81.4
IV 700	19.8	46.0	54.9	64.0	71.3	73.2	77.4	79.3	80.0	81.7	82.6	82.7	83.3	83.6	83.8
IV 600	19.9	46.5	55.7	65.1	72.7	74.8	79.2	81.3	82.0	84.0	85.0	85.2	85.8	86.1	86.3
IV 500	20.0	46.7	55.8	65.3	73.0	75.1	79.6	81.8	82.5	84.6	85.6	85.8	86.3	86.6	86.8
IV 400	20.0	46.8	56.1	65.7	73.5	75.7	80.3	82.7	83.4	85.6	86.7	86.9	87.6	87.9	88.1
IV 300	20.0	46.9	56.2	65.9	74.0	76.3	81.2	83.7	84.3	86.9	88.0	88.2	88.9	89.2	89.5
IV 200	20.0	47.0	56.3	66.1	74.3	76.6	81.7	84.4	85.2	87.7	88.9	89.1	89.9	90.2	90.4
IV 100	20.0	47.0	56.4	66.4	74.6	77.1	82.5	85.3	86.3	89.2	90.6	91.0	91.9	92.2	92.6
IV 0	20.0	47.0	56.4	66.4	74.7	77.1	82.6	85.5	86.5	89.5	91.5	91.9	92.8	93.1	93.5

TOTAL NUMBER OF OBSERVATIONS 8917

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34100  
STATION

ERDING GERMANY AIR STATION

46-56  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	3.6	10.1	13.2	15.9	18.9	19.5	20.5	20.8	21.1	21.6	21.9	22.0	22.2	22.3	22.5	23.0
≥ 20000	4.1	11.6	15.0	18.2	21.4	22.2	23.2	23.7	24.0	24.6	24.9	25.0	25.3	25.4	25.6	26.1
≥ 18000	4.3	12.1	15.5	18.7	21.9	22.7	23.8	24.3	24.5	25.2	25.5	25.6	25.8	25.9	26.2	26.7
≥ 16000	4.3	12.2	15.7	18.9	22.4	23.2	24.3	24.8	25.0	25.7	26.0	26.1	26.3	26.4	26.6	27.2
≥ 14000	4.4	12.4	15.9	19.3	22.8	23.6	24.7	25.2	25.5	26.2	26.5	26.6	26.8	26.9	27.1	27.7
≥ 12000	4.6	13.0	16.8	20.3	23.9	24.8	26.0	26.5	26.7	27.5	27.8	27.9	28.2	28.3	28.5	29.0
≥ 10000	5.2	14.5	18.6	22.5	26.4	27.4	28.7	29.3	29.6	30.3	30.7	30.8	31.0	31.2	31.4	32.0
≥ 9000	5.6	15.4	19.7	23.9	28.1	29.1	30.5	31.1	31.4	32.2	32.6	32.7	32.9	33.1	33.3	33.9
≥ 8000	6.0	16.9	21.5	26.4	31.4	32.5	34.1	34.9	35.2	36.1	36.5	36.6	36.8	37.0	37.2	37.8
≥ 7000	6.4	18.4	23.2	28.3	33.3	34.8	36.5	37.3	37.7	38.6	39.0	39.1	39.4	39.5	39.7	40.3
≥ 6000	6.6	19.0	23.9	29.3	34.8	36.0	37.9	38.8	39.2	40.0	40.5	40.6	40.8	40.9	41.2	41.8
≥ 5000	7.0	20.4	25.8	31.5	37.6	39.0	41.0	41.9	42.3	43.2	43.6	43.7	44.0	44.1	44.4	45.0
≥ 4500	7.2	21.1	26.6	32.5	38.9	40.2	42.2	42.2	43.7	44.6	45.0	45.1	45.4	45.5	45.8	46.4
≥ 4000	7.5	22.5	28.7	35.1	41.9	43.3	45.5	46.3	47.0	47.9	48.4	48.5	48.7	48.9	49.1	49.7
≥ 3500	7.7	23.8	30.4	37.2	44.5	46.0	48.4	49.5	50.1	51.0	51.5	51.6	51.8	52.0	52.2	52.8
≥ 3000	8.5	26.2	33.3	40.8	48.5	50.1	52.6	53.8	54.5	55.5	56.0	56.1	56.3	56.5	56.8	57.3
≥ 2500	8.9	27.9	35.6	43.7	52.1	53.9	56.5	57.9	58.6	59.7	60.2	60.3	60.6	60.7	61.0	61.6
≥ 2000	9.4	29.7	38.0	47.0	56.3	58.3	61.5	63.1	63.9	65.1	65.7	65.8	66.1	66.2	66.5	67.1
≥ 1800	9.4	30.0	38.6	47.8	57.5	59.4	62.7	64.3	65.1	66.3	66.9	67.0	67.3	67.4	67.7	68.3
≥ 1500	9.8	31.2	40.5	50.4	60.4	62.7	66.4	68.2	69.1	70.9	71.0	71.1	71.4	71.5	71.8	72.4
≥ 1200	10.0	32.1	41.8	52.2	63.0	65.6	69.8	71.9	72.9	74.4	75.1	75.2	75.5	75.6	75.9	76.5
≥ 1000	10.2	32.7	43.0	53.8	65.2	68.1	72.9	75.2	76.2	78.0	78.7	78.8	79.2	79.3	79.6	80.2
≥ 900	10.2	33.0	43.2	54.2	65.9	68.9	73.9	76.2	77.3	79.1	79.9	80.0	80.4	80.5	80.8	81.4
≥ 800	10.3	33.4	43.8	55.1	67.1	70.4	75.8	78.4	79.6	81.6	82.5	82.6	83.0	83.2	83.4	84.0
≥ 700	10.3	33.4	43.8	55.3	67.6	71.0	76.4	79.4	80.5	82.7	83.6	83.7	84.1	84.3	84.6	85.2
≥ 600	10.3	33.5	44.0	55.6	68.1	71.7	77.8	80.8	82.1	84.6	85.4	85.5	86.0	86.2	86.5	87.1
≥ 500	10.3	33.5	44.1	55.8	68.5	72.1	78.4	81.7	83.1	85.8	87.1	87.3	87.8	88.0	88.3	89.0
≥ 400	10.3	33.6	44.2	55.8	68.7	72.3	78.8	82.2	83.7	86.5	87.8	88.0	88.3	89.0	89.6	90.4
≥ 300	10.3	33.6	44.2	55.8	68.7	72.4	79.0	82.5	84.2	87.2	88.1	88.3	89.0	90.4	91.4	92.3
≥ 200	10.3	33.6	44.2	55.8	68.7	72.4	79.1	82.6	84.3	87.5	88.6	89.2	91.1	91.8	92.7	94.0
≥ 100	10.3	33.6	44.2	55.8	68.7	72.4	79.1	82.6	84.3	87.6	88.7	90.3	91.3	92.0	93.0	95.1
≥ 0	10.3	33.6	44.2	55.8	68.7	72.4	79.1	82.6	84.3	87.6	88.7	90.3	91.4	92.2	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7892

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5.8	≥ .5	≥ .5.16	≥ .5	≥ 0
NO CEILING ≥ 20000	2.1	6.4	8.6	10.1	11.9	12.5	13.9	14.8	15.1	15.8	16.4	16.2	17.0	17.2	17.2	17.7
IV 18000	2.7	7.6	10.0	11.8	13.9	14.6	16.2	17.3	17.6	18.4	19.0	19.1	19.6	19.8	19.9	20.3
IV 16000	2.7	7.6	10.1	11.9	14.1	14.7	16.3	17.4	17.7	18.5	19.1	19.3	19.7	20.0	20.1	20.5
IV 14000	2.8	7.7	10.2	12.1	14.3	15.0	16.6	17.7	18.0	18.8	19.3	19.6	20.1	20.3	20.4	20.9
IV 12000	2.9	8.1	10.7	12.7	15.1	15.8	17.4	18.6	18.9	19.8	20.4	20.6	21.1	21.3	21.4	21.8
IV 10000	3.3	9.3	12.4	14.8	17.5	18.2	20.2	21.3	21.7	22.7	23.3	23.5	24.0	24.3	24.4	24.8
IV 9000	3.8	10.3	13.5	16.1	18.9	19.6	21.8	23.0	23.4	24.4	25.1	25.3	25.8	26.1	26.2	26.6
IV 8000	4.4	11.5	15.1	18.0	20.9	21.6	24.1	25.5	25.9	26.9	27.8	28.0	28.6	28.9	29.0	29.4
IV 7000	4.8	12.4	16.2	19.2	22.3	23.0	25.7	27.1	27.5	28.6	29.4	29.6	30.3	30.6	30.6	31.1
IV 6000	5.1	13.2	17.3	20.5	23.9	25.0	27.9	29.0	29.4	30.5	31.4	31.6	32.3	32.6	32.6	33.1
IV 5000	5.4	14.3	18.5	21.9	25.5	26.6	29.2	30.7	31.2	32.3	33.2	33.4	34.1	34.3	34.4	34.9
IV 4500	5.7	15.1	19.6	23.1	26.8	27.9	30.5	32.1	32.6	33.7	34.6	34.9	35.5	35.8	35.9	36.3
IV 4000	6.2	16.6	21.5	25.2	29.3	30.3	33.3	35.0	35.5	36.7	37.7	37.9	38.6	38.9	39.0	39.4
IV 3500	6.8	17.9	23.0	27.0	31.4	32.8	35.7	37.6	38.2	39.3	40.4	40.7	41.3	41.6	41.8	42.2
IV 3000	7.5	19.6	25.5	30.0	34.9	36.6	39.7	41.7	42.4	43.8	44.9	45.1	45.8	46.1	46.2	46.7
IV 2500	8.2	21.7	28.2	33.0	38.4	40.1	43.6	45.8	46.5	48.1	49.2	49.4	50.2	50.5	50.6	51.1
IV 2000	9.0	23.6	30.7	36.4	42.4	44.4	48.2	51.1	52.0	53.7	54.9	55.2	56.0	56.3	56.3	57.0
IV 1800	9.1	23.9	31.2	37.0	43.1	45.1	49.2	51.9	52.8	54.6	55.8	56.0	56.9	57.2	57.4	57.9
IV 1500	9.3	24.8	32.3	38.8	45.4	47.5	52.0	55.0	55.9	57.8	59.1	59.4	60.2	60.6	60.8	61.3
IV 1200	9.5	25.5	33.4	40.0	47.2	49.3	54.2	57.4	58.3	60.3	61.5	62.2	63.1	63.4	63.6	64.1
IV 1000	9.6	26.2	34.5	41.6	50.0	52.3	57.7	61.3	62.7	64.8	66.0	67.2	68.2	68.6	68.8	69.3
IV 900	9.7	26.4	34.7	42.0	50.5	53.1	58.5	62.4	63.6	65.8	67.0	68.3	69.3	69.7	69.9	70.4
IV 800	9.7	26.6	35.1	42.6	51.4	54.2	60.1	64.5	65.9	68.1	70.7	71.0	72.2	72.6	72.8	73.3
IV 700	9.8	26.7	35.3	42.9	52.1	55.0	61.2	66.1	67.5	70.9	72.7	73.1	74.3	74.8	75.0	75.5
IV 600	9.8	26.8	35.5	43.2	52.5	55.5	62.2	67.5	69.0	72.6	74.6	75.1	76.4	76.8	77.0	77.6
IV 500	9.8	26.9	35.7	43.6	53.2	56.6	63.5	69.4	71.1	75.5	78.5	78.8	80.2	80.6	81.1	81.8
IV 400	9.9	27.0	35.8	43.7	53.4	56.7	64.0	70.1	71.9	77.0	80.2	80.9	82.6	83.3	83.6	84.2
IV 300	9.9	27.0	35.8	43.7	53.6	56.8	64.4	70.7	72.4	78.0	81.8	82.8	85.0	86.2	86.6	88.0
IV 200	9.9	27.0	35.8	43.7	53.6	56.9	64.4	70.7	72.6	78.5	82.4	83.6	86.2	87.5	88.7	90.7
IV 100	9.9	27.0	35.8	43.7	53.6	56.9	64.4	70.7	72.6	78.5	82.8	83.9	86.9	88.3	89.9	94.0
IV 0	9.9	27.0	35.8	43.7	53.6	56.9	64.4	70.7	72.6	78.5	82.8	83.9	87.0	88.6	90.4	100.0

TOTAL NUMBER OF OBSERVATIONS 8185

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

94169 ERDING GERMANY AIR STATION

47-57

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING	4.0	11.5	14.6	18.4	20.4	20.8	22.7	23.8	24.3	25.2	26.1	26.2	26.6	26.6	26.8	27.3
IV 20000	4.5	12.5	15.4	19.4	21.3	22.2	24.1	25.4	26.1	27.2	28.2	28.3	28.6	28.6	28.8	29.3
IV 18000	4.6	12.6	15.8	19.7	22.2	22.6	24.5	25.8	26.5	27.6	28.5	28.6	29.0	29.0	29.2	29.7
IV 16000	4.6	12.6	15.8	19.7	22.2	22.6	24.5	25.8	26.5	27.6	28.5	28.6	29.0	29.0	29.2	29.7
IV 14000	5.0	13.1	16.3	20.2	22.7	23.1	25.0	26.4	27.1	28.2	29.1	29.2	29.6	29.6	29.8	30.3
IV 12000	5.7	14.1	17.4	21.6	24.2	24.6	26.6	28.0	28.6	29.7	30.7	30.8	31.2	31.2	31.4	31.9
IV 10000	6.0	15.0	18.4	22.7	26.0	26.4	28.6	30.0	30.8	31.9	32.8	32.9	33.4	33.4	33.6	34.1
IV 9000	6.1	15.3	19.0	23.3	26.6	27.0	29.5	30.9	31.7	32.7	33.7	33.8	34.4	34.4	34.6	35.1
IV 8000	6.5	17.0	21.0	25.8	29.8	30.2	33.1	34.9	35.8	36.9	37.8	37.9	38.5	38.5	38.7	39.2
IV 7000	6.5	17.5	21.9	27.0	31.4	31.8	34.9	36.7	37.5	38.9	40.0	40.1	40.7	40.7	40.9	41.3
IV 6000	6.9	17.9	22.7	28.0	32.4	32.7	35.8	37.6	38.5	39.9	41.0	41.1	41.9	41.9	42.1	42.6
IV 5000	6.9	18.1	23.0	28.4	32.8	33.2	36.5	38.3	39.2	40.6	41.6	41.7	42.6	42.6	42.8	43.3
IV 4000	7.8	19.2	24.5	30.4	35.0	35.4	38.9	40.8	41.6	43.0	44.1	44.2	45.1	45.1	45.3	45.7
IV 3500	8.8	21.2	26.8	32.7	37.5	37.9	41.7	43.6	44.5	45.8	46.9	47.0	47.9	47.9	48.1	48.6
IV 3000	9.0	23.1	28.7	35.1	39.9	40.3	44.4	46.4	47.3	49.0	50.0	50.1	51.0	51.0	51.2	51.7
IV 2500	9.7	24.4	30.6	37.3	42.9	43.6	48.0	50.0	50.9	52.8	54.0	54.1	54.9	54.9	55.1	55.6
IV 2000	10.0	25.2	32.0	39.1	45.0	45.7	50.0	52.2	53.2	55.2	56.4	56.5	57.4	57.4	57.6	58.1
IV 1800	10.4	27.5	34.9	42.7	49.8	50.4	55.7	58.2	59.2	61.3	62.5	62.7	63.5	63.5	63.7	64.2
IV 1600	10.4	28.0	35.6	43.7	51.3	52.2	57.6	60.0	61.2	63.3	64.5	64.6	65.5	65.5	65.7	66.2
IV 1400	10.4	28.5	37.0	45.5	54.3	55.5	62.3	64.7	66.1	68.3	69.5	69.6	70.8	70.8	71.0	71.5
IV 1200	10.4	29.1	38.3	48.3	57.1	60.4	68.1	70.9	72.2	74.6	76.1	76.1	77.2	77.2	77.4	77.9
IV 1000	10.5	29.6	39.0	49.7	61.2	62.6	70.8	73.8	75.4	78.8	80.4	80.4	81.6	81.6	81.8	82.3
IV 900	10.5	29.7	39.3	50.0	61.9	63.1	71.7	74.9	76.4	80.0	81.8	81.9	83.1	83.1	83.3	83.8
IV 800	10.7	30.0	39.8	50.8	62.2	64.6	73.1	76.3	78.0	81.6	83.9	84.0	85.3	85.3	85.5	86.0
IV 700	10.7	30.0	39.8	50.8	63.8	65.3	74.2	77.4	79.1	82.9	85.1	85.2	86.6	86.6	86.8	87.3
IV 600	10.7	30.0	39.8	50.8	63.9	65.9	74.7	77.9	79.6	83.4	86.0	86.1	87.5	87.5	87.7	88.2
IV 500	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4
IV 400	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4
IV 300	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4
IV 200	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4
IV 100	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4
IV 0	10.7	30.0	39.8	50.8	64.2	66.3	75.8	79.9	81.1	85.4	89.2	89.4	91.6	91.7	91.9	92.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION

47-57

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ .2
NO CEILING ≥ 20000	3.2	11.6	14.9	17.6	20.3	21.3	23.0	23.9	23.9	25.1	25.3	25.3	25.3	25.6	25.7	25.8
≥ 18000	3.2	11.8	15.2	18.2	21.1	22.1	23.9	24.9	24.9	26.3	26.4	26.6	26.8	26.9	27.0	27.1
≥ 16000	3.5	12.1	15.5	18.5	21.5	22.5	24.2	25.3	25.3	26.7	27.0	27.0	27.2	27.3	27.4	27.5
≥ 14000	3.5	12.1	15.8	18.8	21.8	22.8	24.5	25.6	25.6	27.0	27.3	27.3	27.5	27.6	27.7	27.8
≥ 12000	3.7	12.3	16.2	19.2	22.2	23.2	24.9	26.0	26.0	27.4	27.7	27.7	27.9	28.0	28.1	28.2
≥ 10000	4.2	13.2	17.2	20.3	23.4	24.4	26.2	27.3	27.3	28.6	28.9	28.9	29.1	29.2	29.3	29.4
≥ 9000	4.3	14.1	18.2	21.3	24.3	25.3	27.7	28.9	28.9	30.4	30.7	30.7	30.9	31.0	31.1	31.2
≥ 8000	4.5	14.3	18.7	22.1	25.1	26.3	28.8	29.8	29.8	31.4	31.7	31.7	31.9	32.0	32.1	32.2
≥ 7000	5.2	15.3	20.1	23.9	27.8	29.0	31.8	33.0	33.0	34.8	35.1	35.1	35.3	35.4	35.5	35.6
≥ 6000	5.6	16.3	21.0	24.9	28.8	30.1	33.1	34.4	34.4	36.6	37.1	37.1	37.3	37.4	37.5	37.6
≥ 5000	5.9	16.8	21.6	25.9	30.4	31.7	34.7	36.0	36.0	38.2	38.8	38.8	39.0	39.1	39.2	39.3
≥ 4500	6.0	17.4	22.5	27.0	31.8	33.0	36.1	37.3	37.3	39.6	40.2	40.2	40.4	40.5	40.6	40.7
≥ 4000	6.6	18.1	23.3	28.1	32.8	34.1	37.2	38.5	38.5	40.8	41.3	41.3	41.5	41.6	41.7	41.8
≥ 3500	7.1	19.7	25.1	30.3	35.5	36.8	40.0	41.3	41.3	43.5	44.1	44.1	44.3	44.4	44.5	44.6
≥ 3000	7.7	21.3	27.3	32.7	38.0	39.3	42.7	44.0	44.0	46.3	47.1	47.1	47.4	47.5	47.6	47.7
≥ 2500	9.1	23.8	30.2	36.1	41.8	43.1	46.9	48.7	48.8	51.3	52.2	52.2	52.7	52.8	52.9	53.0
≥ 2000	9.7	25.6	32.6	39.2	45.7	47.1	51.2	53.0	53.1	55.6	56.5	56.5	57.0	57.1	57.2	57.3
≥ 1800	10.3	28.6	36.7	44.1	51.7	53.1	58.3	60.2	60.4	63.2	64.1	64.1	64.6	64.7	64.8	64.9
≥ 1500	10.3	28.8	36.9	44.6	52.8	54.2	59.7	61.8	62.0	64.9	65.8	65.8	66.3	66.4	66.5	66.6
≥ 1200	10.6	29.8	38.8	47.6	56.4	58.0	64.2	66.5	66.7	70.1	71.0	71.0	71.5	71.6	71.7	71.8
≥ 1000	10.6	30.3	39.7	49.3	58.7	60.3	66.9	69.8	70.2	73.9	74.8	74.8	75.3	75.4	75.5	75.7
≥ 900	10.6	30.5	40.3	50.4	60.3	62.3	70.0	73.0	73.4	77.7	78.8	78.8	79.3	79.4	79.5	79.7
≥ 800	10.6	30.5	40.3	50.4	60.3	62.3	70.0	73.0	73.4	77.7	78.8	78.8	79.3	79.4	79.5	79.7
≥ 700	10.6	30.5	40.3	50.4	60.3	62.3	70.0	73.0	73.4	77.7	78.8	78.8	79.3	79.4	79.5	79.7
≥ 600	10.9	30.8	40.6	51.5	61.9	63.8	72.0	75.5	76.0	80.6	82.1	82.1	83.3	83.5	83.6	83.8
≥ 500	10.9	30.9	40.8	51.9	62.9	65.1	73.8	77.4	78.0	82.9	84.6	84.6	85.5	86.0	86.1	86.3
≥ 400	10.9	31.0	40.9	52.0	63.1	65.4	74.9	78.5	79.1	84.8	87.4	87.4	89.3	89.5	89.6	89.8
≥ 300	10.9	31.1	41.0	52.2	63.3	65.8	75.3	79.0	79.7	86.2	89.3	89.3	91.3	91.5	91.6	91.8
≥ 200	10.9	31.1	41.0	52.2	63.3	65.8	75.3	79.0	79.7	86.2	89.3	89.3	91.3	91.5	91.6	91.8
≥ 100	10.9	31.1	41.0	52.2	63.3	65.8	75.3	79.0	79.7	86.2	89.3	89.3	91.3	91.5	91.6	91.8
≥ 0	10.9	31.1	41.0	52.2	63.3	65.8	75.3	79.0	79.7	86.2	89.3	89.3	91.3	91.5	91.6	91.8

TOTAL NUMBER OF OBSERVATIONS 1022



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-57

JA

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	2.6	9.8	11.8	14.2	15.8	16.3	17.7	18.7	18.9	19.6	20.1	20.1	20.3	20.4	20.4	20.7
IV 18000	3.1	10.9	13.2	15.6	17.6	18.1	19.7	20.8	21.1	23.2	23.0	23.1	23.3	23.4	23.4	23.7
IV 16000	3.1	10.9	13.4	15.9	17.9	18.4	20.0	21.1	21.4	22.5	23.2	23.4	23.7	23.8	23.8	24.0
IV 14000	3.1	10.9	13.5	16.0	18.0	18.6	20.2	21.3	21.6	22.7	23.5	23.6	23.9	23.9	23.9	24.2
IV 12000	3.5	11.5	14.2	17.1	19.3	19.8	21.5	22.6	22.9	23.9	24.7	24.8	25.1	25.2	25.2	25.5
IV 10000	3.8	12.3	15.4	18.5	20.7	21.3	23.2	24.2	24.5	25.6	26.4	26.4	26.9	27.0	27.0	27.3
IV 9000	4.3	13.5	16.8	19.9	22.4	23.1	24.9	26.1	26.4	27.5	28.3	28.3	28.9	28.9	28.9	29.2
IV 8000	5.7	15.9	19.9	24.2	27.1	28.0	30.3	31.7	32.0	33.3	34.0	34.1	34.5	34.7	34.7	35.0
IV 7000	6.0	16.5	20.7	25.2	28.6	29.5	32.3	33.8	34.1	35.7	36.6	36.6	37.0	37.2	37.2	37.5
IV 6000	6.1	17.0	21.3	25.9	29.4	30.3	33.1	34.7	35.1	36.7	37.6	37.6	38.1	38.3	38.3	38.6
IV 5000	6.5	17.7	22.4	27.2	31.0	32.1	34.9	36.3	36.9	38.4	39.4	39.4	40.1	40.1	40.1	40.4
IV 4500	6.9	18.7	23.9	28.8	32.6	33.7	36.6	38.1	38.5	40.1	41.1	41.1	41.8	41.7	41.7	42.0
IV 4000	7.6	20.0	25.3	30.6	34.5	35.7	38.6	40.7	41.1	42.7	43.7	43.8	44.2	44.4	44.4	44.7
IV 3500	8.2	21.5	27.0	32.5	36.5	37.6	40.5	42.6	43.0	44.7	45.7	45.7	46.2	46.4	46.4	46.7
IV 3000	8.7	23.0	29.5	34.0	40.5	41.6	44.5	46.7	47.1	48.8	49.8	50.3	50.5	51.1	51.4	51.7
IV 2500	9.9	24.6	31.6	38.9	44.1	45.3	48.2	51.3	51.8	54.0	55.2	55.4	56.0	56.3	56.3	56.7
IV 2000	11.1	27.7	35.9	44.2	50.5	51.9	54.8	59.8	60.3	62.9	64.2	64.2	64.9	65.2	65.2	65.6
IV 1800	11.1	27.7	35.9	44.2	50.5	51.9	54.8	59.8	60.3	62.9	64.2	64.2	64.9	65.2	65.2	65.6
IV 1500	11.3	28.8	37.8	46.6	53.8	55.2	58.1	64.6	65.1	67.8	68.3	69.4	70.0	70.4	70.4	70.8
IV 1200	11.7	29.4	38.8	48.6	56.4	57.9	60.8	68.1	68.6	71.3	71.8	73.1	73.7	74.1	74.1	74.5
IV 1000	11.9	30.1	39.7	49.6	58.2	59.7	62.6	70.7	71.4	74.1	74.6	76.0	76.7	77.1	77.1	77.5
IV 900	11.9	30.1	39.7	49.6	58.2	59.7	62.6	70.7	71.4	74.1	74.6	76.0	76.7	77.1	77.1	77.5
IV 800	12.2	30.5	40.2	50.5	59.6	61.3	64.2	72.3	73.0	75.7	76.2	77.6	78.3	78.7	78.7	79.1
IV 700	12.2	30.5	40.3	51.1	60.6	62.4	65.3	73.4	74.1	76.8	77.3	78.7	79.4	79.8	79.8	80.2
IV 600	12.2	30.6	40.5	51.6	61.5	63.3	66.2	74.3	75.0	77.7	78.2	79.6	80.3	80.7	80.7	81.1
IV 500	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4
IV 400	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4
IV 300	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4
IV 200	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4
IV 100	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4
IV 0	12.2	30.7	40.6	51.7	61.9	63.7	66.6	74.7	75.4	78.1	78.6	79.9	80.6	81.0	81.0	81.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 34168 ERDING GERMANY AIR STATION 47-57

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	3.5	9.1	10.7	12.4	13.5	14.9	15.7	16.2	16.8	17.5	17.7	17.8	18.0	18.2	18.3	18.7
≥ 20000	5.1	12.0	14.1	16.3	17.7	19.2	20.5	21.3	22.0	22.9	23.3	23.4	23.7	23.9	24.0	24.4
IV 18000	5.4	12.4	14.5	16.7	18.2	19.7	21.3	22.3	23.0	23.9	24.3	24.4	24.9	25.0	25.1	25.5
IV 16000	5.8	12.8	15.0	17.2	18.7	20.2	22.0	22.9	23.6	24.6	25.0	25.1	25.6	25.8	25.9	26.3
IV 14000	5.7	13.0	15.3	17.5	19.1	20.5	22.4	23.3	24.0	25.0	25.4	25.5	26.1	26.3	26.4	26.8
IV 12000	6.1	14.1	16.3	18.6	20.3	21.8	23.8	24.7	25.4	26.4	26.9	27.0	27.6	27.8	27.9	28.3
IV 10000	6.9	15.6	18.3	20.8	22.6	24.2	26.4	27.4	28.2	29.2	29.6	29.7	30.3	30.5	30.6	31.0
IV 9000	7.6	16.3	19.3	22.0	24.1	25.7	28.2	29.3	30.0	31.0	31.5	31.6	32.2	32.4	32.4	32.9
IV 8000	8.6	18.4	21.5	25.3	27.7	29.5	32.3	33.6	34.4	35.4	35.9	36.0	36.6	36.8	36.9	37.3
IV 7000	9.3	19.4	22.8	27.6	30.4	32.7	35.6	36.9	37.9	38.8	39.3	39.4	40.0	40.2	40.3	40.7
IV 6000	9.6	20.3	24.0	28.9	31.8	34.1	37.0	38.4	39.3	40.4	40.9	41.0	41.6	41.8	41.9	42.3
IV 5000	9.7	20.6	24.7	29.5	32.5	35.0	38.1	39.5	40.5	41.6	42.1	42.2	42.8	43.0	43.1	43.4
IV 4500	9.8	21.1	25.1	30.2	33.3	35.8	38.8	40.3	41.3	42.5	43.0	43.1	43.6	43.8	43.9	44.3
IV 4000	11.1	22.8	27.5	32.7	35.7	38.3	41.4	42.9	43.8	45.1	45.6	45.7	46.3	46.5	46.6	47.0
IV 3500	11.8	24.2	29.5	35.1	38.6	41.5	45.0	46.5	47.5	48.9	49.4	49.5	50.1	50.3	50.4	50.8
IV 3000	13.4	26.6	32.4	38.6	42.7	45.3	48.8	50.4	51.5	53.1	53.6	53.7	54.3	54.5	54.6	55.0
IV 2500	14.7	28.7	34.8	41.5	45.7	48.6	52.3	54.1	55.2	57.0	57.5	57.6	58.2	58.4	58.5	58.9
IV 2000	15.9	30.9	37.4	45.2	49.9	53.2	57.4	59.5	61.1	63.3	64.0	64.1	64.7	64.9	65.1	65.5
IV 1800	16.0	31.4	38.0	45.8	50.6	53.9	58.1	60.2	61.7	64.0	64.7	64.8	65.4	65.6	65.8	66.2
IV 1500	16.3	32.9	40.4	48.8	54.4	57.9	63.3	65.2	66.8	69.3	70.2	70.3	70.8	71.0	71.1	71.5
IV 1200	16.5	33.9	41.5	50.2	56.1	59.7	65.4	67.4	69.4	71.9	72.8	72.9	73.4	73.6	73.8	74.2
IV 1000	17.3	35.3	43.2	52.3	59.4	63.2	68.8	71.9	74.2	77.4	78.3	78.4	78.9	79.1	79.2	79.6
IV 900	17.3	35.3	43.2	52.3	59.4	63.2	68.8	71.9	74.2	77.4	78.3	78.4	78.9	79.1	79.2	79.6
IV 800	17.4	35.6	43.8	53.2	61.0	65.1	71.3	75.2	77.8	81.4	83.2	83.3	83.8	84.0	84.1	84.5
IV 700	17.4	35.7	44.1	53.7	61.8	66.0	72.4	77.4	80.0	83.8	85.6	85.7	86.1	86.2	86.3	86.7
IV 600	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 500	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 400	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 300	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 200	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 100	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6
IV 0	17.4	35.7	44.1	53.7	62.4	66.8	73.7	78.9	81.7	85.5	87.6	87.7	88.0	88.1	88.2	88.6

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	5.8	11.6	13.5	16.6	18.2	19.1	19.6	20.0	20.6	20.9	20.8	20.9	21.2	21.2	21.2	21.6
≥ 20000	7.7	15.4	18.6	21.7	23.6	24.6	25.4	25.9	26.4	26.9	26.9	26.9	27.2	27.2	27.2	27.7
IV 18000	8.4	16.4	19.7	23.2	25.1	26.1	26.8	27.3	28.0	28.6	28.6	28.6	29.0	29.0	29.0	29.5
IV 16000	8.4	16.5	19.8	23.3	25.4	26.3	27.2	27.7	28.4	29.0	29.0	29.0	29.4	29.4	29.4	29.9
IV 14000	8.8	16.9	20.4	23.9	26.0	26.9	27.8	28.3	29.0	29.6	29.6	29.6	30.0	30.0	30.0	30.5
IV 12000	9.5	18.2	21.6	25.6	27.6	28.8	29.7	30.2	30.9	31.4	31.5	31.5	31.9	31.9	31.9	32.4
IV 10000	10.7	20.3	23.9	28.1	30.4	31.6	32.5	33.4	34.1	34.8	34.9	34.9	35.3	35.3	35.3	35.7
IV 9000	11.8	21.4	25.1	29.3	31.7	33.1	34.0	34.9	35.6	36.5	36.6	36.6	37.0	37.0	37.0	37.5
IV 8000	13.0	23.4	27.5	32.4	35.4	36.8	38.0	39.0	39.8	41.0	41.1	41.1	41.5	41.5	41.5	42.0
IV 7000	14.1	24.7	29.0	33.9	36.8	38.6	39.9	40.8	41.7	43.0	43.1	43.1	43.5	43.5	43.5	44.0
IV 6000	14.6	25.8	30.2	35.3	38.3	40.1	41.3	42.3	43.2	44.5	44.6	44.6	45.0	45.0	45.0	45.4
IV 5000	15.0	26.2	30.8	35.8	39.0	40.7	42.1	43.1	44.0	45.2	45.3	45.3	45.8	45.8	45.8	46.3
IV 4500	15.4	26.5	31.1	36.3	39.5	41.2	42.6	43.6	44.5	45.8	46.0	46.0	46.5	46.5	46.5	47.0
IV 4000	16.4	28.2	33.0	38.6	41.9	43.7	45.2	46.1	47.1	48.5	48.7	48.7	49.2	49.2	49.2	49.7
IV 3500	17.3	30.2	35.4	41.3	44.7	46.5	48.1	50.0	51.4	51.6	51.6	52.1	52.1	52.1	52.1	52.6
IV 3000	19.3	32.8	38.4	45.3	49.2	51.1	52.7	53.8	54.8	56.3	56.5	56.5	57.1	57.1	57.1	57.6
IV 2500	21.0	35.5	41.2	48.3	52.5	54.5	56.3	57.6	58.6	60.3	60.7	60.7	61.3	61.3	61.3	61.8
IV 2000	22.5	38.0	45.0	53.1	57.9	60.3	62.5	64.2	65.2	67.4	67.6	67.6	68.2	68.2	68.2	68.7
IV 1800	22.7	38.6	45.5	53.7	58.8	61.2	63.4	65.0	66.1	68.3	68.5	68.5	69.0	69.0	69.0	69.5
IV 1600	23.1	40.4	48.2	57.4	63.5	65.9	68.7	70.7	72.9	74.1	74.6	74.6	75.4	75.4	75.4	75.9
IV 1400	23.3	40.9	49.6	59.3	66.1	68.5	71.8	74.2	75.5	77.9	78.6	78.6	79.5	79.5	79.5	80.0
IV 1200	23.9	41.9	50.7	62.1	69.2	71.8	75.4	78.7	80.3	83.0	83.7	83.8	84.7	84.7	84.7	85.2
IV 1000	23.9	42.1	51.1	62.7	70.0	72.9	76.6	79.9	81.5	84.1	85.0	85.1	86.0	86.0	86.0	86.5
IV 900	24.0	42.4	51.5	63.5	70.8	73.8	78.4	82.3	83.8	86.9	87.3	87.9	88.7	88.7	88.7	89.2
IV 800	24.0	42.4	51.5	63.5	70.8	73.8	78.4	82.3	83.8	86.9	87.3	87.9	88.7	88.7	88.7	89.2
IV 700	24.0	42.4	51.5	63.5	70.8	73.8	78.4	82.3	83.8	86.9	87.3	87.9	88.7	88.7	88.7	89.2
IV 600	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 500	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 400	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 300	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 200	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 100	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5
IV 0	24.1	42.5	51.6	63.8	71.6	74.9	80.1	84.5	86.1	89.4	90.7	90.8	92.0	92.0	92.0	92.5

TOTAL NUMBER OF OBSERVATIONS 1021

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

54168 ERDING GERMANY AIR STATION

47-57

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING ≥ 20000	5.5	12.5	14.9	17.4	19.0	19.1	19.9	20.6	21.2	22.0	22.1	22.2	22.3	22.3	22.4	22.7
IV 18000	7.3	16.0	18.8	22.0	24.0	24.3	25.5	26.6	27.2	28.0	28.1	28.2	28.3	28.3	28.4	28.7
IV 16000	7.3	16.0	18.8	22.0	24.2	24.9	25.7	26.6	27.4	28.2	28.3	28.4	28.5	28.5	28.6	28.9
IV 14000	7.3	16.3	19.1	22.3	24.5	25.0	26.2	27.3	27.9	28.7	28.8	28.9	29.0	29.0	29.1	29.4
IV 12000	8.1	17.8	20.5	24.1	26.3	26.8	28.1	29.2	29.7	30.8	30.8	30.7	30.8	30.8	30.9	31.2
IV 10000	9.2	20.0	23.7	27.9	30.3	30.9	32.2	33.3	33.9	34.6	34.7	34.8	34.9	34.9	35.0	35.3
IV 9000	9.9	21.4	25.2	29.8	32.4	32.3	34.5	35.6	36.2	37.3	37.4	37.5	37.7	37.7	37.8	38.1
IV 8000	10.9	22.8	26.8	31.7	34.6	35.7	37.0	38.1	38.6	39.9	40.1	40.2	40.4	40.4	40.5	40.8
IV 7000	11.3	23.6	27.7	32.7	35.6	36.7	38.3	39.3	39.9	41.3	41.5	41.6	41.8	41.8	41.9	42.2
IV 6000	11.6	24.2	28.4	33.7	36.7	37.8	39.4	40.5	41.1	42.5	42.7	42.8	43.0	43.0	43.1	43.3
IV 5000	12.4	25.4	29.8	35.3	38.6	39.7	41.5	42.6	43.2	44.5	44.7	44.8	45.0	45.0	45.1	45.4
IV 4500	12.5	25.8	30.3	36.1	39.6	40.8	42.6	43.6	44.2	45.6	45.6	45.9	46.1	46.1	46.2	46.5
IV 4000	13.1	27.0	31.9	38.1	42.1	43.2	45.0	46.1	46.7	48.0	48.2	48.4	48.7	48.7	48.8	49.1
IV 3500	14.6	29.0	33.9	40.4	44.6	45.8	47.7	48.8	49.4	50.8	51.0	51.2	51.5	51.5	51.6	51.9
IV 3000	16.2	31.3	36.4	43.8	48.7	49.9	52.2	53.4	54.1	55.5	55.7	55.9	56.2	56.2	56.3	56.6
IV 2500	17.7	33.8	38.9	46.7	52.0	53.6	55.7	57.4	58.1	59.4	60.2	60.4	60.7	60.7	60.8	61.1
IV 2000	18.8	36.6	42.3	50.4	56.3	58.2	61.0	62.6	63.3	65.0	65.4	65.6	65.9	65.9	66.0	66.2
IV 1800	19.3	37.8	43.0	51.3	57.1	59.3	62.0	63.8	64.5	66.1	66.6	66.8	67.1	67.1	67.2	67.5
IV 1500	19.6	38.7	43.6	51.7	57.4	59.9	62.7	64.6	65.3	67.0	67.5	67.7	68.0	68.0	68.1	68.4
IV 1200	20.3	39.9	44.1	52.1	57.8	60.2	63.1	65.0	65.7	67.4	67.9	68.1	68.4	68.4	68.5	68.8
IV 1000	20.4	40.4	44.6	52.4	58.3	60.7	63.6	65.5	66.2	68.0	68.5	68.7	69.0	69.0	69.1	69.4
IV 900	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 800	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 700	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 600	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 500	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 400	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 300	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 200	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 100	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5
IV 0	20.5	40.8	44.7	52.5	58.4	60.8	63.7	65.6	66.3	68.1	68.6	68.8	69.1	69.1	69.2	69.5

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47°57'

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	5.5	13.4	16.0	18.8	22.1	22.6	24.3	25.2	25.4	26.3	26.8	26.9	27.0	27.2	27.3	27.9
≥ 20000	5.9	14.4	17.5	20.6	24.2	24.7	27.0	27.9	28.1	29.3	29.6	29.7	29.8	30.0	30.2	30.7
≥ 18000	6.0	15.2	18.4	21.5	25.1	25.6	27.7	28.7	28.9	30.2	30.5	30.6	30.7	30.8	31.0	31.6
≥ 16000	6.0	15.3	18.5	21.6	25.2	25.7	28.0	28.8	29.0	30.3	30.6	30.7	30.8	31.0	31.2	31.7
≥ 14000	6.3	15.6	18.8	22.0	25.6	26.1	28.7	29.2	29.4	30.7	31.0	31.1	31.2	31.4	31.7	32.1
≥ 12000	6.7	17.3	20.4	23.7	27.3	27.8	30.6	30.9	31.1	32.4	32.6	32.7	32.8	33.0	33.2	33.7
≥ 10000	7.4	18.6	21.9	25.8	29.6	30.2	32.3	33.3	33.7	35.0	35.4	35.5	35.7	35.9	36.2	36.6
≥ 9000	7.9	19.3	23.0	27.1	31.0	31.6	33.8	34.7	35.2	36.6	37.0	37.1	37.2	37.5	37.8	38.2
≥ 8000	8.5	21.2	25.1	29.5	33.3	34.2	36.5	37.3	37.8	39.3	39.8	39.9	40.1	40.3	40.6	41.0
≥ 7000	8.5	21.7	25.7	30.3	34.7	35.4	37.6	38.5	39.0	40.6	41.1	41.2	41.3	41.5	41.8	42.2
≥ 6000	8.6	22.3	26.6	31.4	36.0	36.9	39.1	40.0	40.5	42.0	42.5	42.6	42.8	43.0	43.3	43.7
≥ 5000	9.0	23.2	27.9	32.9	38.1	39.3	41.6	42.5	43.0	44.6	45.1	45.2	45.4	45.6	45.8	46.2
≥ 4500	9.2	23.6	28.3	33.4	38.7	39.9	42.4	43.3	43.8	45.4	45.9	46.0	46.1	46.3	46.6	47.0
≥ 4000	9.6	24.8	29.5	35.1	41.3	42.4	45.2	46.0	46.5	48.1	48.6	48.7	48.9	49.1	49.4	49.8
≥ 3500	11.2	27.3	32.3	38.2	44.8	45.9	48.7	49.7	50.1	51.7	52.2	52.3	52.5	52.7	53.0	53.4
≥ 3000	12.3	29.6	35.2	41.8	49.3	50.5	53.8	55.0	55.3	57.2	57.7	57.8	58.0	58.2	58.5	58.8
≥ 2500	13.3	31.1	37.0	43.7	51.8	53.3	56.9	58.4	58.9	60.9	61.1	61.2	61.4	61.6	61.9	62.3
≥ 2000	13.8	32.3	38.8	46.1	54.8	56.8	62.0	63.5	64.2	66.3	66.8	66.9	67.1	67.3	67.5	67.9
≥ 1800	13.8	32.8	39.2	46.6	55.7	57.9	63.1	64.9	65.6	67.6	68.1	68.2	68.4	68.6	68.9	69.3
≥ 1500	14.0	34.1	40.8	48.0	58.7	61.4	67.6	69.5	70.2	72.2	72.8	72.9	73.1	73.3	73.8	74.2
≥ 1200	14.1	34.7	41.8	50.5	61.9	64.7	71.4	73.2	74.0	76.1	76.6	76.7	77.1	77.3	77.8	78.0
≥ 1000	14.1	34.9	42.0	51.0	63.8	67.0	74.4	76.4	77.3	80.0	80.6	80.9	81.4	81.7	82.2	82.6
≥ 900	14.1	35.0	42.2	51.2	64.1	67.3	74.8	76.8	78.0	80.8	81.3	81.6	82.3	82.6	83.1	83.3
≥ 800	14.1	35.7	43.1	52.1	65.4	68.5	76.6	79.3	80.4	83.2	84.4	84.7	85.2	85.6	86.1	86.5
≥ 700	14.1	35.7	43.1	52.1	65.5	68.9	77.1	80.2	81.3	84.3	85.6	85.9	86.6	86.9	87.4	87.8
≥ 600	14.1	35.7	43.3	52.3	66.3	69.7	78.0	81.2	82.7	85.7	87.2	87.5	88.2	88.5	89.0	89.3
≥ 500	14.1	35.7	43.3	52.3	67.0	70.5	79.1	82.7	84.2	87.7	89.6	90.1	91.3	91.8	92.3	92.9
≥ 400	14.1	35.7	43.3	52.3	67.1	70.6	79.2	83.4	84.9	88.9	90.7	91.5	92.9	93.2	93.8	94.2
≥ 300	14.1	35.7	43.3	52.3	67.3	70.8	79.6	83.9	85.6	89.6	91.8	92.6	94.0	94.3	95.1	95.9
≥ 200	14.1	35.7	43.3	52.3	67.3	70.8	79.6	84.0	85.7	89.6	92.2	93.0	94.5	94.9	95.7	96.8
≥ 100	14.1	35.7	43.3	52.3	67.3	70.8	79.6	84.0	85.7	89.6	92.2	93.2	94.7	95.2	96.0	97.9
≥ 0	14.1	35.7	43.3	52.3	67.3	70.8	79.6	84.0	85.7	89.7	92.3	93.2	94.8	95.4	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05
NO CEILING ≥ 20000	4.0	11.7	13.7	17.1	21.1	21.5	23.7	24.8	25.0	25.7	26.2	26.3	26.5	26.5	26.6	27.1
IV 18000	4.1	12.0	14.2	17.9	22.0	22.8	23.0	26.8	27.1	28.2	28.6	28.7	28.9	28.9	29.0	29.5
IV 16000	4.1	12.4	14.7	18.4	22.5	23.3	25.5	27.5	27.8	28.8	29.3	29.5	29.7	29.7	29.8	30.3
IV 14000	4.1	12.4	14.7	18.4	22.6	23.4	25.6	27.6	27.9	28.9	29.4	29.6	29.8	29.8	29.9	30.4
IV 12000	4.1	12.7	15.0	18.7	23.1	23.9	26.1	28.2	28.4	29.8	30.0	30.2	30.4	30.4	30.5	31.0
IV 10000	5.0	13.9	16.3	20.0	24.4	25.2	27.8	29.8	30.1	31.2	31.7	31.9	32.1	32.1	32.2	32.6
IV 9000	6.1	15.4	18.2	22.5	27.1	27.9	30.4	32.5	32.8	33.7	34.1	35.2	36.1	36.3	36.5	37.0
IV 8000	6.3	16.4	19.3	23.4	28.3	29.1	31.7	33.7	34.1	35.2	36.1	36.3	36.5	36.5	36.6	37.0
IV 7000	7.1	18.6	21.8	26.5	31.6	32.4	34.7	37.0	37.3	38.4	39.2	39.5	39.7	39.7	39.8	40.3
IV 6000	7.2	19.7	23.3	28.2	33.6	34.4	37.0	39.1	39.5	40.6	41.8	42.0	42.2	42.2	42.3	42.8
IV 5000	7.7	20.1	24.1	29.0	34.7	35.7	38.3	40.4	40.8	41.8	43.1	43.3	43.5	43.5	43.6	44.1
IV 4500	8.2	21.2	25.4	30.5	36.5	37.6	40.5	42.5	43.0	44.1	45.4	45.6	45.7	45.7	45.8	46.3
IV 4000	8.4	21.7	26.2	31.4	37.3	38.5	41.3	43.4	43.9	44.9	46.2	46.4	46.6	46.6	46.7	47.2
IV 3500	9.7	23.8	28.3	33.5	39.7	40.9	44.0	46.0	46.5	47.5	48.9	49.1	49.3	49.3	49.4	49.9
IV 3000	10.2	25.2	30.0	35.3	42.1	43.4	45.8	47.9	48.4	50.4	51.7	51.9	52.1	52.1	52.2	52.7
IV 2500	10.7	26.7	31.9	37.2	45.4	46.9	50.9	53.4	54.0	55.2	56.6	56.8	57.0	57.0	57.1	57.6
IV 2000	10.9	28.3	34.2	40.1	48.5	50.0	54.9	57.5	58.1	59.4	60.8	61.0	61.2	61.2	61.3	61.8
IV 1800	11.0	28.9	36.1	42.1	51.3	52.9	58.7	61.4	62.2	63.9	65.3	65.6	65.8	65.8	65.9	66.4
IV 1500	11.1	29.1	36.4	42.5	51.9	53.6	59.7	62.4	63.3	65.1	66.5	66.8	67.0	67.0	67.1	67.5
IV 1200	11.1	29.6	36.9	44.1	54.6	56.4	63.7	66.8	67.6	69.3	70.8	71.1	71.3	71.3	71.4	71.8
IV 1000	11.2	29.7	38.0	46.8	58.8	60.9	69.0	72.2	73.3	75.1	76.4	76.7	76.9	76.9	77.0	77.5
IV 900	11.2	30.5	39.1	48.5	61.0	63.3	71.8	75.5	76.5	78.3	79.6	80.8	81.1	81.2	81.3	81.8
IV 800	11.2	30.6	39.2	48.6	61.2	63.6	72.3	76.0	77.2	80.1	81.4	81.7	81.9	82.0	82.1	82.6
IV 700	11.2	30.9	40.0	49.4	62.2	64.6	74.3	78.6	80.1	82.9	84.6	84.8	85.1	85.2	85.3	85.8
IV 600	11.2	30.9	40.1	49.7	62.5	65.0	75.0	79.4	80.9	83.9	85.8	86.1	86.3	86.4	86.5	87.0
IV 500	11.2	30.9	40.1	49.8	63.0	65.7	75.8	80.4	82.1	85.5	87.3	87.6	87.8	87.9	88.0	88.5
IV 400	11.2	30.9	40.1	49.8	63.0	65.7	75.8	81.2	83.0	86.5	88.3	88.6	88.8	88.9	89.0	89.5
IV 300	11.2	30.9	40.1	49.8	63.0	65.7	75.8	81.5	83.3	87.4	89.2	89.5	89.7	89.8	90.0	90.5
IV 200	11.2	30.9	40.1	49.8	63.0	65.7	75.8	81.5	83.3	87.4	89.2	89.5	89.7	89.8	90.0	90.5
IV 100	11.2	30.9	40.1	49.8	63.0	65.7	75.8	81.5	83.3	87.4	89.2	89.5	89.7	89.8	90.0	90.5
IV 0	11.2	30.9	40.1	49.8	63.0	65.7	75.8	81.5	83.3	87.4	89.2	89.5	89.7	89.8	90.0	90.5

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	4.1	12.2	16.6	19.4	22.4	25.8	26.6	28.6	29.2	29.7	30.7	30.9	31.3	31.5	31.6	31.9
≥ 20000	4.2	12.4	16.8	19.8	22.8	24.2	27.3	29.5	30.1	30.8	31.7	31.9	32.4	32.6	32.7	33.0
IV 18000	4.2	12.4	16.9	19.9	22.9	24.3	27.4	29.6	30.2	30.9	31.8	32.0	32.5	32.7	32.8	33.1
IV 16000	4.3	12.4	16.9	19.9	22.9	24.3	27.4	29.6	30.2	30.9	31.8	32.0	32.5	32.7	32.8	33.1
IV 14000	4.2	12.5	17.0	20.0	23.0	24.4	27.5	29.7	30.3	31.0	31.9	32.2	32.6	32.9	32.9	33.2
IV 12000	4.4	13.1	18.3	21.3	24.4	25.8	28.9	31.1	31.7	32.4	33.3	33.5	34.0	34.2	34.3	34.6
IV 10000	5.1	14.4	19.7	22.9	26.7	28.2	31.4	33.5	34.2	34.9	35.9	36.1	36.5	36.8	36.9	37.2
IV 9000	5.3	14.9	20.3	23.8	27.8	29.3	32.7	35.2	35.9	36.7	37.6	37.8	38.3	38.5	38.6	38.9
IV 8000	5.6	16.4	22.1	25.6	29.7	31.3	34.5	37.3	38.2	39.0	40.0	40.2	40.6	40.8	40.9	41.3
IV 7000	6.1	18.1	24.0	27.5	31.9	33.6	37.4	39.9	40.7	41.7	42.7	42.9	43.3	43.5	43.6	43.9
IV 6000	6.6	18.9	24.8	28.6	33.2	35.0	38.7	41.2	42.0	43.0	44.1	44.3	44.7	44.9	45.0	45.3
IV 5000	7.1	19.6	26.4	30.3	35.2	37.0	40.6	43.2	44.1	45.0	46.1	46.3	46.7	46.9	47.1	47.4
IV 4500	7.2	20.6	27.7	31.9	36.9	38.7	42.4	45.0	45.9	46.8	47.9	48.1	48.6	48.8	48.9	49.2
IV 4000	8.5	23.3	30.9	36.0	41.3	43.1	46.8	49.7	50.6	51.9	53.1	53.3	53.7	53.9	54.0	54.3
IV 3500	9.2	25.2	32.9	38.3	43.6	45.4	49.2	52.1	52.9	54.2	55.4	55.6	56.1	56.3	56.4	56.7
IV 3000	10.6	28.2	36.9	42.7	49.0	50.9	53.0	58.1	58.9	60.6	61.7	62.0	62.4	62.6	62.7	63.0
IV 2500	11.1	30.4	39.3	46.2	52.7	54.7	59.4	62.7	63.7	65.3	66.5	66.8	67.1	67.3	67.4	67.7
IV 2000	11.4	31.8	42.3	50.1	57.2	59.4	64.3	68.0	68.9	70.6	71.8	72.0	72.5	72.7	72.8	73.1
IV 1800	11.4	32.3	42.9	50.8	58.1	60.3	65.7	69.2	70.2	72.0	73.4	73.6	74.1	74.3	74.4	74.7
IV 1500	11.4	32.9	44.2	52.3	60.2	62.6	68.7	72.2	73.2	75.0	76.3	76.7	77.2	77.4	77.5	77.8
IV 1200	11.7	33.2	44.8	53.2	61.4	63.8	70.2	73.8	74.8	76.6	78.1	78.3	78.9	79.1	79.2	79.5
IV 1000	11.6	33.4	45.1	53.5	62.4	64.7	71.6	75.8	76.7	79.8	81.6	81.8	82.3	82.5	82.6	83.0
IV 900	11.8	33.4	45.3	53.8	63.0	65.5	72.3	77.2	78.3	81.6	83.2	83.5	84.0	84.2	84.4	84.7
IV 800	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 700	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 600	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 500	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 400	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 300	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 200	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 100	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5
IV 0	11.9	33.3	45.7	54.1	63.5	65.9	73.4	78.2	79.7	83.1	85.0	85.2	85.7	86.0	86.2	86.5

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	5.0	12.0	15.3	17.3	20.5	21.4	23.4	24.5	24.7	25.7	26.3	26.4	26.7	26.8	27.1	27.2
≥ 20000	5.6	13.1	16.7	18.9	22.1	23.0	23.0	26.2	26.5	27.5	28.2	28.3	28.6	28.9	29.3	29.4
IV 18000	5.6	13.1	16.7	18.9	22.1	23.0	23.0	26.2	26.5	27.5	28.2	28.3	28.6	28.9	29.3	29.4
IV 16000	5.6	13.1	16.7	18.9	22.1	23.0	23.0	26.2	26.5	27.5	28.2	28.3	28.6	28.9	29.3	29.4
IV 14000	5.6	13.1	16.7	18.9	22.1	23.0	23.0	26.2	26.5	27.5	28.2	28.3	28.6	28.9	29.3	29.4
IV 12000	5.6	13.1	16.7	18.9	22.1	23.0	23.0	26.2	26.5	27.5	28.2	28.3	28.6	28.9	29.3	29.4
IV 10000	6.1	14.8	19.3	21.5	25.3	26.6	28.6	30.1	30.4	31.6	32.3	32.4	32.9	33.2	33.5	33.7
IV 9000	6.3	15.5	20.0	22.5	26.3	27.7	29.8	31.3	31.6	32.8	33.4	33.5	34.1	34.4	34.7	34.9
IV 8000	7.4	17.5	22.0	24.9	28.6	30.1	32.4	34.1	34.4	35.6	36.2	36.3	36.9	37.2	37.5	37.7
IV 7000	7.6	18.1	22.9	25.8	29.8	31.4	33.8	35.5	35.8	37.0	37.6	37.7	38.3	38.6	38.9	39.1
IV 6000	7.8	18.8	23.7	26.7	30.7	32.3	34.6	36.3	36.7	37.9	38.6	38.7	39.2	39.5	39.9	40.1
IV 5000	8.6	20.4	25.6	28.6	32.6	34.2	36.7	38.4	38.7	40.1	40.7	40.8	41.4	41.7	42.0	42.2
IV 4500	8.6	20.8	26.0	29.3	33.3	34.9	37.4	39.1	39.4	40.9	41.6	41.7	42.2	42.6	42.9	43.1
IV 4000	9.5	22.8	29.2	32.6	36.7	38.4	40.9	42.7	43.0	45.0	45.7	45.8	46.3	46.6	46.9	47.2
IV 3500	10.2	24.0	30.8	34.5	38.6	40.4	43.1	44.8	45.1	47.7	48.3	48.4	49.0	49.3	49.6	49.8
IV 3000	11.0	25.7	33.5	38.5	43.6	45.6	48.6	51.0	51.3	54.0	54.7	54.8	55.4	55.7	56.1	56.2
IV 2500	11.5	27.1	35.9	42.1	47.6	49.7	52.9	55.5	56.1	58.7	59.4	59.5	60.1	60.3	60.8	61.0
IV 2000	11.5	29.5	39.5	46.3	52.1	54.4	58.5	61.2	61.7	64.5	65.3	65.4	66.0	66.3	66.7	66.9
IV 1800	11.5	29.9	40.3	47.1	53.2	55.6	60.0	62.9	63.7	66.5	67.3	67.4	68.1	68.4	68.7	68.9
IV 1500	11.6	30.7	41.6	49.1	55.8	58.5	64.1	67.2	68.0	71.1	72.1	72.2	72.9	73.2	73.5	73.7
IV 1200	11.9	31.2	42.6	50.9	57.9	60.6	67.0	70.2	71.2	74.2	75.3	75.6	76.5	76.8	77.2	77.4
IV 1000	11.9	31.3	42.9	51.4	58.8	61.6	68.6	71.9	73.0	77.7	79.7	79.8	80.8	81.1	81.5	81.7
IV 900	11.9	31.5	43.1	51.8	59.4	62.2	69.1	72.7	74.2	79.0	81.1	81.2	82.2	82.5	82.9	83.1
IV 800	11.9	31.5	43.1	51.9	59.6	62.5	70.0	73.6	75.2	80.2	82.4	82.7	83.7	84.0	84.4	84.7
IV 700	11.9	31.5	43.1	51.9	59.7	62.6	70.2	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 600	11.9	31.5	43.1	51.9	59.7	62.6	70.2	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 500	11.9	31.5	43.1	52.0	59.8	62.7	70.3	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 400	11.9	31.5	43.1	52.0	59.8	62.7	70.4	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 300	11.9	31.5	43.1	52.0	59.8	62.7	70.4	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 200	11.9	31.5	43.1	52.0	59.8	62.7	70.4	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 100	11.9	31.5	43.1	52.0	59.8	62.7	70.4	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7
IV 0	11.9	31.5	43.1	52.0	59.8	62.7	70.4	74.1	75.8	80.9	83.3	83.7	84.7	85.0	85.3	85.7

TOTAL NUMBER OF OBSERVATIONS 933



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

47-57

FER

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0	≥ 0
NO CEILING ≥ 20000	3.4	6.8	9.6	10.6	12.5	13.5	14.8	16.0	16.6	17.1	18.2	18.3	18.6	18.8	19.0	19.7	19.7
IV 18000	4.0	9.0	12.0	13.5	16.0	17.1	18.4	19.7	20.9	21.9	22.9	22.9	23.2	23.4	23.6	24.1	24.1
IV 16000	4.0	9.0	12.1	13.6	16.2	17.4	18.6	19.9	20.7	21.7	22.7	22.8	23.2	23.4	23.6	24.2	24.2
IV 14000	4.1	9.1	12.2	13.7	16.3	17.5	18.8	20.0	20.8	21.7	22.9	23.0	23.4	23.6	23.8	24.5	24.5
IV 12000	4.3	9.3	12.4	13.9	16.5	17.7	19.0	20.3	21.0	22.0	23.3	23.4	23.7	23.9	24.2	25.0	25.0
IV 10000	5.0	12.1	15.4	17.0	19.7	21.0	22.4	24.0	24.8	25.8	27.1	27.2	27.8	28.0	28.3	29.0	29.0
IV 9000	5.3	12.8	16.1	17.7	20.4	21.7	23.4	25.2	25.9	27.1	28.5	28.7	29.3	29.5	29.8	30.5	30.5
IV 8000	6.3	14.9	18.9	21.2	24.4	25.9	28.1	30.0	30.8	32.3	33.8	34.0	34.5	34.9	35.2	36.1	36.1
IV 7000	6.4	15.2	19.5	22.1	25.4	27.0	29.3	31.5	32.4	34.0	35.5	35.8	36.3	36.5	37.1	37.9	37.9
IV 6000	6.5	16.3	20.6	23.2	26.5	28.1	30.3	32.7	33.8	35.4	36.9	37.2	37.7	37.9	38.5	39.3	39.3
IV 5000	7.3	18.0	22.5	25.2	28.5	30.2	32.7	35.3	36.3	38.5	40.2	40.6	41.2	41.5	41.9	42.8	42.8
IV 4500	7.8	18.9	23.4	26.3	29.7	31.4	33.9	36.4	37.5	39.7	41.5	41.8	42.2	42.6	43.1	43.9	43.9
IV 4000	9.2	21.7	26.5	29.7	33.1	34.8	37.6	40.2	41.4	43.5	45.3	45.7	46.2	46.5	47.1	47.9	47.9
IV 3500	9.6	22.6	28.0	31.3	34.7	36.5	39.3	42.1	43.6	45.9	47.8	48.1	48.7	49.0	49.5	50.4	50.4
IV 3000	10.8	25.2	31.1	35.4	39.5	41.7	45.0	48.1	49.4	51.8	53.8	54.1	54.7	55.0	55.5	56.4	56.4
IV 2500	11.7	27.6	33.7	38.5	42.9	45.2	49.0	52.1	53.4	55.8	57.8	58.1	58.7	59.0	59.5	60.1	61.0
IV 2000	12.8	29.7	37.1	43.0	47.9	50.8	55.3	58.5	60.7	63.0	65.3	65.6	66.2	66.5	67.2	68.0	68.0
IV 1800	12.8	29.7	37.2	43.2	48.6	51.4	55.9	59.5	62.0	64.3	66.8	67.1	67.7	68.0	68.6	69.5	69.5
IV 1500	13.1	30.8	38.6	45.2	51.7	54.8	60.0	64.1	66.7	69.7	72.7	73.0	73.6	74.2	74.8	75.8	75.8
IV 1200	13.6	31.5	39.4	46.3	53.5	56.6	62.2	66.3	68.9	71.9	75.0	75.3	75.9	76.5	77.1	78.2	78.2
IV 1000	13.9	32.0	40.0	46.9	54.6	58.0	64.2	68.6	71.3	75.0	78.5	78.8	79.4	80.0	80.6	81.7	81.7
IV 900	14.0	32.2	40.2	47.4	55.5	58.3	64.9	69.2	72.0	76.1	79.5	79.8	80.4	81.0	81.6	82.7	82.7
IV 800	14.0	32.2	40.4	47.6	55.7	58.8	65.3	70.0	73.4	77.7	81.7	82.3	82.9	83.6	84.2	85.7	85.7
IV 700	14.1	32.3	40.5	47.8	55.8	59.2	66.1	71.7	75.2	79.8	84.4	85.1	85.7	86.4	87.0	88.7	88.7
IV 600	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 500	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 400	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 300	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 200	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 100	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7
IV 0	14.1	32.3	40.5	48.0	55.7	59.4	66.6	72.1	75.7	80.7	85.3	86.0	86.7	87.4	88.1	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-57

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	3.2	7.1	9.5	11.6	12.9	13.5	15.2	16.3	16.8	17.8	18.4	18.9	18.9	19.1	19.2	19.6
≥ 20000	4.3	9.4	12.8	15.4	17.7	18.3	20.4	21.9	22.7	23.8	24.4	24.8	25.1	25.6	25.9	25.9
≥ 18000	4.7	10.8	14.1	16.8	19.4	20.0	22.2	23.7	24.5	25.6	26.3	26.6	26.9	27.2	27.3	27.8
≥ 16000	4.7	10.9	14.3	16.9	19.6	20.3	22.4	23.9	24.8	25.8	26.5	26.9	27.1	27.4	27.5	28.0
≥ 14000	4.8	11.3	14.8	17.6	20.3	21.0	23.2	24.7	25.8	26.6	27.2	27.5	27.8	28.2	28.3	28.7
≥ 12000	5.0	11.8	15.3	18.1	20.8	21.5	23.8	25.3	26.2	27.2	28.0	28.3	28.6	29.0	29.2	29.6
≥ 10000	6.1	14.4	17.9	20.8	23.5	24.3	26.7	28.4	29.3	30.3	31.1	31.4	31.7	32.2	32.3	32.7
9000	6.3	15.1	18.9	22.2	25.2	26.0	28.7	30.3	31.6	33.0	33.9	34.2	34.5	34.9	35.0	35.5
≥ 8000	7.1	16.7	20.9	24.4	27.8	28.9	32.4	34.2	35.5	37.1	38.0	38.4	38.7	39.1	39.2	39.7
7000	7.7	17.8	22.0	26.0	29.5	30.9	34.8	36.8	38.2	40.0	41.1	41.4	41.7	42.1	42.2	42.8
≥ 6000	8.1	18.6	22.9	27.1	30.8	32.2	36.2	38.3	39.8	41.6	42.7	43.0	43.3	43.7	43.8	44.4
5000	8.9	19.8	24.1	28.4	32.5	33.9	38.3	40.5	42.0	43.8	44.9	45.2	45.6	46.0	46.1	46.6
≥ 4500	9.5	20.8	25.1	29.4	33.5	35.0	39.5	41.8	43.3	45.4	46.5	46.8	47.2	47.6	47.7	48.2
4000	10.2	23.4	27.9	32.2	36.9	38.4	43.0	45.4	46.9	49.2	50.3	50.6	50.9	51.3	51.4	52.0
≥ 3500	10.9	25.3	30.0	34.4	39.1	40.7	45.4	47.9	49.4	51.9	52.9	53.3	53.6	54.0	54.1	54.7
3000	12.8	28.2	33.9	38.5	43.5	45.2	50.2	52.6	54.2	57.0	58.1	58.5	58.8	59.3	59.4	59.9
≥ 2500	13.0	31.7	37.8	42.7	48.2	50.2	55.7	58.3	60.2	63.0	64.2	64.6	65.0	65.4	65.5	66.0
2000	15.3	34.1	40.8	45.9	53.2	55.2	61.6	65.0	66.8	69.8	71.0	71.4	71.7	72.1	72.2	72.8
≥ 1800	15.4	34.7	41.5	46.6	54.2	56.3	62.8	66.2	68.2	71.2	72.3	72.8	73.1	73.5	73.6	74.2
1500	16.4	36.2	43.4	48.9	57.2	59.7	67.0	70.3	72.6	75.9	77.1	77.5	77.8	78.3	78.5	79.1
≥ 1200	16.8	36.7	44.1	49.6	58.4	61.7	69.8	73.3	75.3	78.8	79.9	80.0	80.3	80.8	80.9	81.6
1000	16.6	37.2	44.7	50.9	60.2	63.1	71.2	73.1	77.4	81.7	83.2	83.7	84.2	84.8	84.9	85.5
≥ 900	16.7	37.3	45.0	51.4	61.0	63.9	72.0	73.9	78.2	82.7	84.7	85.3	85.8	86.4	86.5	87.2
800	16.7	37.6	45.1	51.8	61.5	64.8	73.1	77.2	79.6	84.8	87.0	87.8	88.3	88.9	89.0	89.7
≥ 700	16.8	37.7	45.2	52.0	62.0	65.4	73.8	77.9	80.3	85.7	88.7	89.7	90.5	91.0	91.1	91.9
600	16.9	37.8	45.3	52.4	62.6	66.1	74.7	78.9	81.5	86.9	89.9	91.0	91.7	92.3	92.4	93.1
≥ 500	16.9	37.8	45.4	52.5	62.7	66.2	74.8	79.3	82.0	87.7	91.1	92.4	93.4	94.2	94.4	95.4
400	16.9	37.9	45.7	52.7	62.9	66.5	75.0	79.5	82.2	88.0	91.7	93.1	94.3	95.7	96.4	97.1
≥ 300	16.9	37.9	45.7	52.7	62.9	66.5	75.0	79.5	82.2	88.0	91.7	93.1	94.3	95.7	96.4	97.1
200	16.9	37.9	45.7	52.7	62.9	66.5	75.0	79.5	82.2	88.0	91.7	93.1	94.3	95.7	96.4	97.1
≥ 100	16.9	37.9	45.7	52.7	62.9	66.5	75.0	79.5	82.2	88.0	91.7	93.1	94.3	95.7	96.4	97.1
0	16.9	37.9	45.7	52.7	62.9	66.5	75.0	79.5	82.2	88.0	91.7	93.1	94.3	95.7	96.4	97.1

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (UT)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	5.5	12.6	14.9	16.5	13.6	19.8	21.4	21.8	22.1	22.8	23.2	23.4	23.5	23.3	23.6
≥ 20000	6.9	14.9	18.4	21.7	24.2	25.6	27.3	27.7	28.0	28.7	29.0	29.3	29.4	29.4	29.5
≥ 18000	7.3	15.6	19.4	22.5	25.2	26.9	28.5	29.0	29.4	30.1	30.4	30.7	30.8	30.8	30.9
≥ 16000	7.5	16.0	19.8	23.2	25.7	27.4	29.0	29.6	29.9	30.7	31.0	31.2	31.3	31.3	31.4
≥ 14000	7.5	16.1	20.2	23.5	26.0	27.9	29.5	30.0	30.3	31.1	31.4	31.6	31.7	31.7	31.8
≥ 12000	7.7	17.0	21.3	24.8	27.4	29.4	31.0	31.6	31.9	32.7	33.0	33.2	33.3	33.3	33.4
≥ 10000	8.9	19.4	24.0	28.1	30.9	32.8	34.5	35.2	35.5	36.2	36.5	36.8	36.9	36.9	37.0
≥ 9000	9.1	19.9	24.7	28.8	31.7	33.7	35.5	36.2	36.5	37.4	37.7	37.9	38.0	38.0	38.2
≥ 8000	10.3	22.5	27.9	32.6	35.9	37.9	40.3	41.2	41.5	42.3	42.7	42.9	43.0	43.0	43.1
≥ 7000	10.8	23.5	29.0	34.0	37.4	39.8	42.6	43.4	43.8	44.7	45.1	45.4	45.6	45.6	45.7
≥ 6000	11.3	24.3	30.0	35.0	38.6	40.9	43.8	44.7	45.1	46.0	46.4	46.7	46.8	46.8	46.9
≥ 5000	12.5	26.5	32.2	37.8	41.5	43.8	46.9	47.0	48.2	49.2	49.6	49.9	50.1	50.1	50.2
≥ 4500	12.5	27.3	33.7	38.9	42.6	44.9	48.0	49.0	49.5	50.5	50.9	51.2	51.3	51.3	51.4
≥ 4000	13.9	29.7	36.2	42.0	46.1	48.7	52.0	53.2	53.7	54.9	55.4	55.7	55.9	55.9	56.0
≥ 3000	14.6	30.3	37.1	43.1	47.6	50.3	53.6	54.9	55.4	56.6	57.1	57.4	57.6	57.7	57.7
≥ 2500	16.8	34.5	41.2	48.6	53.6	56.6	60.0	61.3	61.8	63.0	63.6	64.0	64.0	64.1	64.1
≥ 2000	19.4	38.8	45.6	53.5	59.1	62.4	65.9	67.2	67.7	69.1	69.7	70.0	70.1	70.1	70.2
≥ 1800	21.9	42.2	50.1	58.4	64.4	68.1	72.2	74.1	74.6	76.0	76.7	77.1	77.2	77.2	77.3
≥ 1500	22.0	42.4	50.3	58.9	65.0	68.6	72.8	74.6	75.2	76.6	77.4	77.7	77.8	77.8	77.9
≥ 1200	23.3	45.4	53.8	63.2	69.5	73.3	77.7	79.8	80.4	82.2	83.0	83.3	83.4	83.5	83.5
≥ 1000	23.4	46.1	54.7	64.3	71.5	75.5	79.8	82.4	83.4	85.1	85.9	86.2	86.3	86.3	86.5
≥ 900	23.6	47.1	55.8	66.2	73.7	77.9	82.3	85.3	86.3	88.0	88.9	89.7	90.0	90.1	90.4
≥ 800	23.7	47.4	56.2	66.7	74.4	78.7	83.3	86.1	87.2	89.1	90.1	91.0	91.1	91.1	91.3
≥ 700	23.9	47.7	56.5	67.1	75.1	79.5	84.2	87.2	88.4	90.4	91.2	92.6	92.9	93.1	93.5
≥ 600	23.9	47.8	56.7	67.6	75.8	80.2	83.2	88.3	89.2	92.8	94.6	95.1	95.4	95.7	95.9
≥ 500	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.7	90.2	93.6	95.5	95.9	96.2	96.7	96.9
≥ 400	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.9	90.4	93.8	96.1	97.0	97.2	98.0	98.2
≥ 300	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.9	90.5	93.9	96.4	97.3	97.7	98.4	98.8
≥ 200	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.9	90.5	93.9	96.4	97.3	97.7	98.4	98.8
≥ 100	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.9	90.5	93.9	96.4	97.3	97.7	98.4	98.8
≥ 0	24.1	48.0	56.9	67.8	76.0	80.4	83.6	88.9	90.5	93.9	96.4	97.3	97.7	98.4	98.8

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-57

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	7.9	15.6	19.0	21.7	23.7	24.8	25.5	25.8	26.4	26.9	27.7	27.8	27.8	27.8	27.8	27.8
≥ 20000	9.3	17.9	21.3	25.0	27.3	28.6	29.8	30.1	30.7	31.2	31.9	32.0	32.0	32.2	32.2	32.2
IV 18000	9.9	18.5	22.0	25.6	28.0	29.3	30.4	30.8	31.3	31.8	32.5	32.7	32.7	32.9	32.9	32.9
IV 16000	10.0	18.9	22.4	26.4	28.7	30.0	31.2	31.6	32.2	32.7	33.4	33.5	33.5	33.8	33.8	33.8
IV 14000	10.0	19.5	23.3	27.3	29.7	31.1	32.3	33.0	33.5	34.1	34.8	34.9	34.9	35.2	35.2	35.2
IV 12000	10.3	20.5	24.2	28.3	30.7	32.2	33.5	34.1	34.6	35.4	36.1	36.2	36.2	36.4	36.4	36.4
IV 10000	11.4	22.4	26.5	31.1	33.5	35.4	37.1	37.7	38.3	39.0	39.8	39.9	39.9	40.1	40.1	40.1
IV 9000	11.8	23.5	27.5	32.2	34.9	36.8	38.5	39.1	39.7	40.4	41.2	41.3	41.3	41.5	41.5	41.5
IV 8000	13.7	26.5	31.0	35.8	39.3	41.8	43.2	43.8	44.4	45.1	45.9	46.0	46.0	46.2	46.2	46.2
IV 7000	14.5	27.5	32.3	37.6	41.4	43.4	45.6	46.2	46.7	47.5	48.4	48.6	48.6	48.8	48.8	48.8
IV 6000	14.6	27.9	32.6	38.3	42.2	44.4	46.5	47.2	47.7	48.4	49.4	49.5	49.5	49.7	49.7	49.7
IV 5000	15.2	29.6	34.6	40.4	44.8	46.9	49.2	49.9	50.5	51.2	52.2	52.3	52.3	52.5	52.5	52.5
IV 4500	15.5	31.0	36.1	41.9	46.5	48.7	50.9	51.7	52.2	52.9	53.9	54.0	54.0	54.2	54.2	54.2
IV 4000	16.7	33.1	38.4	44.8	49.7	52.1	54.6	55.3	55.9	56.9	58.0	58.1	58.1	58.3	58.3	58.3
IV 3500	17.3	34.0	39.8	46.4	51.6	54.1	56.7	57.4	58.1	59.1	60.1	60.2	60.2	60.5	60.5	60.5
IV 3000	19.1	37.6	43.6	51.0	56.8	59.5	62.2	62.9	63.6	64.5	65.6	65.7	65.7	65.9	65.9	65.9
IV 2500	20.9	41.6	47.0	55.6	62.0	65.0	68.2	68.9	69.7	70.7	71.9	72.1	72.1	72.3	72.3	72.3
IV 2000	23.2	45.7	52.7	60.9	67.5	70.7	74.6	75.8	77.0	78.0	79.3	79.5	79.5	79.7	79.7	79.7
IV 1800	23.3	45.9	52.9	61.1	67.7	71.1	75.0	76.2	77.5	78.5	80.4	80.6	80.6	80.8	80.8	80.8
IV 1500	23.4	47.6	55.0	63.6	70.7	74.2	78.1	80.3	81.7	82.4	84.9	85.1	85.1	85.3	85.3	85.3
IV 1200	23.7	48.1	55.7	64.4	71.9	75.3	79.3	81.9	83.4	83.8	87.0	87.2	87.2	87.7	87.7	87.7
IV 1000	24.0	48.2	56.8	65.8	73.7	77.3	81.6	84.8	86.5	86.6	90.8	91.1	91.1	91.6	91.6	91.6
IV 900	24.1	49.4	57.0	66.0	74.1	77.8	82.1	85.3	87.0	87.2	91.3	91.6	91.6	92.0	92.2	92.2
IV 800	24.3	49.7	57.3	66.3	74.9	78.9	83.2	86.5	88.2	90.9	93.1	93.5	93.5	94.0	94.0	94.0
IV 700	24.3	49.7	57.4	66.8	75.3	78.9	83.6	87.0	89.2	91.9	94.3	94.6	94.6	95.1	95.4	95.4
IV 600	24.3	49.7	57.4	66.9	75.8	79.3	84.1	87.7	89.8	92.7	95.3	95.7	95.7	96.2	96.6	96.6
IV 500	24.3	49.7	57.4	66.9	75.9	79.3	84.4	87.9	90.0	92.9	95.3	95.9	95.9	96.3	97.0	97.0
IV 400	24.3	49.7	57.4	66.9	76.0	79.6	84.5	88.0	90.1	93.4	96.0	96.5	96.5	97.0	97.6	97.6
IV 300	24.3	49.7	57.4	66.9	76.0	79.6	84.5	88.0	90.2	93.5	96.1	96.9	96.9	97.3	98.1	98.1
IV 200	24.3	49.7	57.4	66.9	76.0	79.6	84.5	88.0	90.2	93.5	96.2	97.0	97.0	97.6	98.5	98.6
IV 100	24.3	49.7	57.4	66.9	76.1	79.7	84.6	88.1	90.4	93.6	96.4	97.1	97.1	97.7	98.6	98.6
IV 0	24.3	49.7	57.4	66.9	76.1	79.7	84.6	88.1	90.4	93.6	96.4	97.1	97.1	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 933

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-57

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
MO. 45 (L.S.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	½	≥ 5.8	≥ 4	≥ 3.6	≥ 3
NO CEILING	4.7	16.6	20.4	22.9	26.3	27.1	30.2	32.1	32.5	33.3	33.6	33.8	34.0	34.2	34.7
≥ 20000	5.3	17.7	21.6	24.4	27.8	28.8	32.0	33.9	34.4	35.3	35.7	35.9	36.2	36.4	36.8
IV 13000	5.6	18.0	21.9	24.7	28.2	29.2	32.4	34.3	34.9	35.7	36.2	36.4	36.6	36.8	37.2
IV 16000	5.7	18.5	22.3	25.2	28.6	29.7	32.9	34.9	35.4	36.3	36.7	36.9	37.1	37.3	37.8
IV 14000	5.7	18.7	22.5	25.5	29.1	30.2	33.4	35.3	35.8	36.7	37.1	37.3	37.6	37.8	38.2
IV 12000	6.1	19.6	24.2	27.5	31.0	32.1	35.2	37.2	37.8	38.6	39.4	39.6	39.8	40.0	40.5
IV 10000	6.2	21.0	25.6	28.9	32.5	34.0	37.6	39.7	40.2	41.1	42.0	42.2	42.4	42.6	43.0
IV 9000	6.3	22.0	26.6	29.9	33.7	35.2	38.8	41.0	41.5	42.4	43.2	43.5	43.7	43.9	44.3
IV 8000	7.0	23.4	28.5	31.9	36.2	37.7	41.3	43.8	44.3	45.2	46.0	46.2	46.5	46.7	47.1
IV 7000	7.4	23.9	29.7	33.4	37.7	39.2	43.2	45.5	46.0	46.9	47.7	48.0	48.2	48.4	48.8
IV 6000	7.7	25.2	31.5	35.2	39.6	41.3	46.2	48.5	49.0	49.9	50.8	51.0	51.2	51.4	51.8
IV 5000	8.0	26.3	32.7	36.5	40.9	42.6	47.6	50.0	50.5	51.4	52.3	52.5	52.7	52.9	53.3
IV 4500	8.3	27.3	33.9	37.9	42.3	44.2	49.4	51.8	52.4	53.2	54.1	54.3	54.5	54.7	55.2
IV 4000	8.8	29.2	36.2	40.6	45.2	47.3	52.9	55.4	56.0	57.0	57.8	58.0	58.2	58.5	58.9
IV 3500	9.2	30.8	38.0	42.7	47.3	49.8	55.7	58.2	58.8	59.8	60.6	60.8	61.1	61.3	61.7
IV 3000	10.1	34.4	42.8	48.6	54.0	56.4	62.6	65.0	65.7	66.6	67.5	67.7	67.9	68.1	68.7
IV 2500	10.6	36.4	45.3	51.3	57.1	59.7	66.2	68.7	69.3	70.4	71.2	71.5	71.7	71.9	72.4
IV 2000	10.8	38.0	46.9	53.3	59.3	62.2	69.7	72.4	73.2	74.6	75.6	75.9	76.1	76.3	76.8
IV 1800	10.8	38.2	47.2	53.6	60.0	62.9	70.4	73.3	74.1	75.5	76.6	76.8	77.0	77.3	77.8
IV 1500	11.2	39.7	49.1	57.0	64.2	67.3	75.6	78.8	79.8	81.3	82.7	82.9	83.2	83.4	83.9
IV 1200	11.2	39.7	49.1	57.1	63.2	66.5	76.9	80.4	81.9	83.6	84.8	85.0	85.3	85.7	86.3
IV 1000	11.2	39.0	49.2	57.5	66.1	69.3	78.1	81.9	83.6	86.4	87.7	88.0	88.7	88.9	89.5
IV 900	11.2	39.8	49.2	57.5	66.8	69.6	78.4	82.3	84.2	87.1	88.4	88.7	89.3	89.7	90.2
IV 800	11.2	40.0	49.5	57.8	66.7	70.3	79.2	83.4	85.3	88.3	89.8	90.1	91.1	91.3	91.8
IV 700	11.2	40.1	49.6	57.9	67.0	70.5	79.5	83.7	85.7	88.8	90.6	90.9	92.0	92.2	92.7
IV 600	11.2	40.2	49.7	58.0	67.1	70.7	79.8	84.2	86.3	90.1	91.8	92.2	93.2	93.5	94.0
IV 500	11.2	40.2	49.7	58.2	67.2	70.8	80.3	84.7	86.9	91.1	93.0	93.3	94.8	94.7	95.3
IV 400	11.2	40.2	49.7	58.2	67.2	70.8	80.4	84.8	87.0	91.3	93.6	93.9	95.2	95.4	95.9
IV 300	11.2	40.2	49.7	58.2	67.2	70.8	80.8	85.2	87.7	92.3	94.3	93.9	96.6	97.0	97.7
IV 200	11.2	40.2	49.7	58.2	67.2	70.8	80.8	85.2	87.7	92.3	93.0	93.9	97.3	97.7	98.5
IV 100	11.2	40.2	49.7	58.2	67.2	70.8	80.8	85.2	87.7	92.3	93.0	93.9	97.3	98.0	98.9
IV 0	11.2	40.2	49.7	58.2	67.2	70.8	80.8	85.2	87.7	92.3	93.0	93.9	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERONG GERMANY AIR STATION  
STATION NAME

47-57  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING	3.3	13.0	17.5	19.5	22.4	23.7	27.3	29.2	30.0	31.0	31.9	32.0	32.0	32.5	32.6	33.4
≥ 20000	3.3	13.7	18.3	20.5	23.5	24.8	28.9	30.8	31.7	32.7	33.6	33.7	33.7	34.2	34.3	35.1
IV 18000	3.5	13.8	18.6	20.8	23.8	25.1	29.2	31.1	32.0	33.0	33.9	34.0	34.0	34.5	34.7	35.4
IV 16000	3.5	13.8	18.6	20.8	23.0	25.1	29.2	31.1	32.0	33.0	33.9	34.0	34.0	34.5	34.7	35.4
IV 14000	3.5	14.1	18.8	21.0	24.0	25.4	29.3	31.4	32.3	33.6	34.4	34.5	34.5	35.1	35.2	35.9
IV 12000	4.0	14.8	20.4	22.7	26.0	27.4	31.4	33.4	34.5	35.6	36.5	36.6	36.6	37.1	37.2	38.0
IV 10000	4.2	16.1	21.9	24.5	28.2	29.8	34.3	36.3	37.4	38.5	39.5	39.6	39.6	40.1	40.2	41.0
IV 9000	4.6	17.1	22.9	25.6	29.6	31.4	35.8	37.8	38.9	40.0	41.0	41.2	41.2	41.7	41.8	42.6
IV 8000	5.2	18.5	24.7	27.6	31.8	33.6	38.0	40.1	41.3	42.4	43.3	43.6	43.6	44.1	44.2	45.0
IV 7000	5.5	19.7	26.2	29.3	33.8	35.7	40.2	42.3	43.7	44.7	45.7	46.0	46.0	46.6	46.7	47.4
IV 6000	6.1	21.9	28.3	31.9	36.7	38.6	43.2	45.3	46.7	47.7	48.7	49.0	49.0	49.6	49.7	50.4
IV 5000	6.2	22.6	29.8	33.5	38.4	40.3	45.0	47.3	48.3	49.6	50.3	50.9	50.9	51.4	51.5	52.3
IV 4500	6.3	23.1	30.3	34.1	39.3	41.3	45.9	48.3	49.3	50.3	51.3	51.8	51.8	52.4	52.5	53.2
IV 4000	7.2	24.5	33.3	37.8	43.3	45.3	50.1	52.9	54.1	55.2	56.1	56.4	56.4	57.0	57.1	57.8
IV 3500	7.8	26.4	35.1	40.0	45.6	47.9	53.8	56.6	56.8	57.8	58.8	59.1	59.1	59.7	59.8	60.5
IV 3000	8.4	29.4	38.7	45.1	51.4	53.6	59.0	61.8	63.0	64.2	65.1	65.5	65.5	66.0	66.1	66.8
IV 2500	8.9	31.3	41.0	48.9	55.7	58.0	63.4	66.2	67.4	68.6	69.6	70.0	70.0	70.3	70.6	71.4
IV 2000	9.3	32.5	43.2	52.3	59.4	62.1	67.7	70.9	73.3	73.3	74.8	75.1	75.1	75.6	75.8	76.3
IV 1800	9.3	32.3	43.3	52.4	60.2	63.0	69.0	72.4	73.8	75.1	76.6	76.9	76.9	77.3	77.6	78.3
IV 1500	9.3	34.0	45.1	54.8	62.8	65.8	72.6	76.5	77.9	79.3	81.1	81.4	81.4	82.1	82.2	82.9
IV 1200	9.3	34.5	46.4	56.6	64.4	67.3	74.9	78.8	80.3	82.0	83.8	84.3	84.3	85.0	85.1	85.7
IV 1000	9.3	34.5	46.4	56.6	64.4	67.3	74.9	78.8	80.3	82.0	83.8	84.3	84.3	85.0	85.1	85.7
IV 900	9.3	34.7	46.5	56.9	64.9	67.9	75.8	80.9	82.5	84.5	86.3	86.8	86.8	87.6	87.7	88.4
IV 800	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 700	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 600	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 500	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 400	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 300	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 200	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 100	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8
IV 0	9.3	35.0	46.8	57.2	65.3	68.6	76.3	81.5	82.8	84.8	86.7	87.2	87.2	88.0	88.1	88.8

TOTAL NUMBER OF OBSERVATIONS 932

1

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

BRDING GERMANY AIR STATION  
STATION NAME

47-57  
EARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .16	≥ .1	≥ .05	≥ .01
NO CEILING	12.6	28.5	34.3	39.3	42.9	43.5	44.8	45.1	45.4	45.7	46.2	46.3	46.4	46.5	46.6	46.6
≥ 20000	14.0	31.6	37.9	43.0	46.8	47.4	48.7	49.0	49.3	49.6	50.1	50.2	50.3	50.5	50.5	50.5
IV 18000	14.3	32.1	38.5	43.6	47.5	48.1	49.4	49.7	50.0	50.2	50.8	50.9	51.0	51.2	51.2	51.2
IV 16000	14.3	32.2	38.6	43.7	47.6	48.2	49.5	49.8	50.0	50.3	50.9	51.0	51.1	51.3	51.3	51.3
IV 14000	14.8	32.6	39.1	44.2	48.1	48.7	50.0	50.2	50.5	50.8	51.4	51.5	51.6	51.8	51.8	51.8
IV 12000	14.7	33.3	39.9	45.0	47.1	49.7	50.9	51.2	51.5	51.8	52.4	52.5	52.6	52.8	52.8	52.8
IV 10000	15.2	35.3	42.1	47.9	52.5	53.2	54.4	54.7	55.0	55.3	55.9	56.0	56.1	56.3	56.3	56.3
IV 9000	15.8	36.2	43.1	49.0	53.8	54.4	55.8	56.1	56.4	56.7	57.4	57.5	57.6	57.8	57.8	57.8
IV 8000	17.2	38.3	45.7	51.7	56.5	57.2	58.6	58.8	59.1	59.4	60.1	60.2	60.3	60.5	60.5	60.5
IV 7000	18.2	39.4	46.7	53.7	58.8	59.5	61.0	61.3	61.6	61.9	62.6	62.7	62.8	63.0	63.0	63.0
IV 6000	18.3	40.1	47.9	54.8	60.0	60.7	62.2	62.5	62.8	63.0	63.7	63.8	63.9	64.1	64.1	64.1
IV 5000	19.0	41.5	49.6	56.6	62.0	62.7	64.3	64.6	64.9	65.2	65.9	66.0	66.1	66.3	66.3	66.3
IV 4500	19.4	42.7	50.8	58.0	63.7	64.4	66.0	66.3	66.6	66.9	67.2	67.6	67.9	68.0	68.2	68.2
IV 4000	19.9	45.6	53.9	61.0	67.2	67.9	69.9	70.2	70.5	70.8	71.5	71.6	71.7	71.8	71.8	71.8
IV 3500	20.3	47.3	56.0	63.3	69.5	70.4	72.6	73.1	73.4	73.7	74.6	74.7	74.8	75.0	75.0	75.0
IV 3000	20.7	49.9	59.0	67.0	73.9	75.2	78.0	78.5	78.8	79.4	80.2	80.3	80.4	80.5	80.5	80.5
IV 2500	21.2	51.0	61.0	67.3	76.4	78.0	81.0	81.6	81.9	82.6	83.4	83.5	83.6	83.8	83.8	83.8
IV 2000	21.2	52.3	62.8	71.7	79.6	81.4	84.7	85.2	85.5	86.2	87.0	87.1	87.2	87.4	87.4	87.4
IV 1800	21.2	52.9	63.4	72.4	80.6	82.6	85.5	86.4	86.7	87.4	88.2	88.3	88.4	88.6	88.6	88.6
IV 1500	21.2	53.6	64.5	73.6	82.5	84.6	88.0	88.7	89.0	89.7	90.5	90.6	90.7	90.9	90.9	90.9
IV 1200	21.2	54.3	65.5	74.9	84.1	86.1	89.8	90.6	91.0	91.5	92.6	92.7	92.8	93.0	93.0	93.0
IV 1000	21.2	54.7	66.1	76.1	85.7	87.8	91.6	92.4	92.8	93.8	94.7	94.8	94.9	95.1	95.1	95.1
IV 900	21.2	54.8	66.4	76.3	86.0	88.2	92.0	93.0	93.4	94.6	95.5	95.6	95.7	95.9	95.9	95.9
IV 800	21.2	54.8	66.5	76.4	86.3	88.5	92.3	93.4	93.7	95.1	96.0	96.1	96.2	96.4	96.4	96.4
IV 700	21.2	54.8	66.5	76.6	87.2	89.3	93.2	94.3	94.7	96.2	97.1	97.2	97.3	97.5	97.5	97.5
IV 600	21.2	54.8	66.5	76.7	87.4	89.5	93.4	94.6	95.0	96.5	97.7	97.8	97.9	98.1	98.1	98.1
IV 500	21.2	54.8	66.5	76.7	87.4	89.5	93.5	94.8	95.2	96.9	98.1	98.3	98.4	98.6	98.6	98.6
IV 400	21.2	54.8	66.5	76.7	87.6	89.7	93.7	95.1	95.5	97.2	98.4	98.6	98.7	98.9	98.9	98.9
IV 300	21.2	54.8	66.5	76.7	87.6	89.7	93.7	95.1	95.5	97.3	98.7	98.9	99.0	99.3	99.3	99.3
IV 200	21.2	54.8	66.5	76.7	87.6	89.7	93.7	95.1	95.5	97.3	98.7	98.9	99.0	99.3	99.3	99.3
IV 100	21.2	54.8	66.5	76.7	87.6	89.7	93.7	95.1	95.5	97.3	98.7	98.9	99.0	99.3	99.3	99.3
IV 0	21.2	54.8	66.5	76.7	87.6	89.7	93.7	95.1	95.5	97.3	98.7	98.9	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

4198 BRDING GERMANY AIR STATION

47-57

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0300

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	≥ 6	≥ 3	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	9.7	22.0	20.0	31.5	36.0	36.3	37.1	26.2	38.3	39.9	39.6	39.6	39.8	40.0	40.3	40.4
≥ 20000	10.3	24.1	20.3	34.3	39.2	39.8	40.1	41.5	41.6	42.2	42.9	42.9	43.1	43.3	43.6	43.7
NV 18000	10.3	34.8	31.0	32.0	39.9	40.3	41.2	42.2	42.3	42.9	43.6	43.6	43.8	44.0	44.2	44.4
NV 16000	10.3	25.3	31.4	32.3	40.4	41.0	41.6	42.7	42.8	43.4	44.1	44.1	44.3	44.5	44.8	44.9
NV 14000	10.3	25.4	31.4	32.7	40.6	41.2	41.8	42.9	43.0	43.6	44.3	44.3	44.5	44.7	45.0	45.1
NV 12000	10.3	25.7	31.4	32.4	41.6	42.3	43.0	44.1	44.2	44.8	45.3	45.3	45.7	45.8	46.1	46.2
NV 10000	10.3	26.9	34.0	35.2	43.5	44.5	45.2	46.2	46.3	46.9	47.6	47.6	47.8	48.0	48.3	48.4
NV 9000	11.1	27.9	35.4	40.0	45.7	46.3	47.4	48.5	48.6	49.2	49.9	49.9	50.0	50.3	50.6	50.7
NV 8000	12.6	31.0	39.4	44.3	50.1	50.9	52.2	53.3	53.4	54.0	54.6	54.7	54.9	55.2	55.5	55.6
NV 7000	13.2	32.2	40.7	46.0	52.1	53.1	54.3	55.5	55.6	56.2	56.9	57.0	57.2	57.5	57.8	57.9
NV 6000	14.0	33.0	41.9	47.5	53.6	54.3	55.9	57.1	57.2	57.8	58.5	58.6	58.7	59.0	59.3	59.4
NV 5000	14.7	35.0	44.4	50.0	56.1	57.1	58.5	59.6	59.7	60.3	61.0	61.1	61.3	61.6	61.9	62.0
NV 4500	15.4	36.4	46.2	52.0	58.2	59.2	60.9	62.1	62.2	63.0	63.6	63.7	63.9	64.2	64.5	64.6
NV 4000	15.9	38.0	48.3	54.3	61.0	62.2	63.7	64.9	65.0	65.8	66.5	66.6	66.8	67.1	67.4	67.4
NV 3500	16.9	39.1	50.3	56.3	63.4	64.6	66.4	67.3	67.6	68.3	69.2	69.3	69.5	69.8	70.1	70.2
NV 3000	17.0	40.7	52.3	58.8	66.7	67.9	70.2	71.4	71.5	72.5	73.0	73.1	73.3	73.6	73.9	74.0
NV 2500	17.8	42.1	55.7	62.4	70.6	71.9	74.4	75.6	75.8	76.6	77.3	77.4	77.6	78.0	78.3	78.4
NV 2000	17.9	44.4	58.1	65.2	74.4	76.1	79.4	80.6	81.1	82.0	82.7	82.8	83.0	83.4	83.7	83.8
NV 1800	17.9	44.8	58.6	63.7	74.9	76.6	80.5	81.3	81.8	82.7	83.4	83.5	83.7	84.1	84.4	84.5
NV 1500	18.2	46.2	60.5	67.9	77.5	79.5	83.1	84.7	85.1	86.0	86.7	86.8	87.2	87.6	87.9	88.1
NV 1200	18.3	46.7	61.5	68.9	78.7	80.6	84.3	86.1	86.6	87.4	88.3	88.4	88.8	89.1	89.4	89.6
NV 1000	18.4	47.8	62.7	70.3	80.4	82.3	86.9	88.6	89.1	90.2	90.9	91.0	91.4	91.8	92.1	92.3
NV 900	18.4	47.9	62.9	70.3	80.9	83.1	87.5	89.1	89.7	90.3	91.8	92.6	93.0	93.4	93.8	94.0
NV 800	18.4	47.9	63.0	70.7	81.4	83.6	88.1	89.7	90.3	91.8	92.6	93.7	93.8	94.2	94.5	94.7
NV 700	18.4	47.9	63.1	71.0	81.8	84.1	88.7	90.3	91.0	92.3	93.3	93.4	93.8	94.2	94.5	94.7
NV 600	18.4	47.9	63.2	71.1	81.9	84.4	89.1	90.9	91.7	93.2	93.9	94.0	94.5	94.9	95.2	95.4
NV 500	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	93.6	94.6	94.7	95.2	95.6	95.9	96.1
NV 400	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	93.9	94.9	95.0	95.4	95.8	96.3	96.5
NV 300	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	94.3	95.6	95.7	96.5	97.0	97.8	98.2
NV 200	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	94.3	95.6	95.7	96.5	97.0	97.8	98.2
NV 100	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	94.3	95.6	95.7	96.5	97.0	97.8	98.2
NV 0	18.4	47.9	63.2	71.2	82.0	84.5	89.4	91.2	92.0	94.3	95.6	95.7	96.5	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1023



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34100 ERDING GERMANY AIR STATION

47-57

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	7.3	16.3	20.4	24.5	27.0	27.4	28.5	29.6	30.2	30.5	30.9	31.1	31.4	31.5	31.8	32.0
≥ 20000	7.9	19.6	24.1	28.6	32.1	32.6	34.1	35.6	36.2	36.5	37.0	37.1	37.4	37.5	37.8	38.0
≥ 18000	8.2	20.0	24.6	29.1	32.6	33.2	34.7	35.2	36.8	37.0	37.7	37.9	38.2	38.3	38.6	38.8
≥ 16000	8.4	20.2	24.8	29.3	32.9	33.5	35.0	36.5	37.0	37.3	38.0	38.2	38.5	38.6	38.9	39.1
≥ 14000	8.6	20.7	25.4	29.9	33.5	34.1	35.6	37.0	37.6	37.9	38.6	38.8	39.1	39.2	39.5	39.7
≥ 12000	8.9	21.7	26.5	31.1	35.0	35.6	37.1	38.6	39.2	39.5	40.2	40.4	40.7	40.8	41.1	41.3
≥ 10000	10.0	23.8	29.5	34.2	38.3	39.1	40.7	42.2	42.8	43.1	43.8	44.0	44.3	44.4	44.7	44.9
≥ 9000	10.6	25.9	32.6	37.3	41.4	42.3	44.0	45.7	46.2	46.7	47.4	47.6	47.9	48.0	48.3	48.5
≥ 8000	11.6	28.8	36.1	41.5	46.0	47.0	48.8	50.4	51.0	51.7	52.7	52.9	53.2	53.3	53.7	53.9
≥ 7000	12.4	30.4	37.9	43.4	48.0	49.2	51.0	53.0	53.6	54.3	55.3	55.5	55.8	55.9	56.3	56.5
≥ 6000	12.7	31.0	38.7	44.5	49.2	50.5	52.3	54.4	55.0	55.9	56.9	57.1	57.4	57.5	57.9	58.1
≥ 5000	14.0	32.7	40.6	46.4	51.2	52.7	54.6	56.7	57.3	58.2	59.1	59.3	59.6	59.7	60.1	60.3
≥ 4300	14.6	34.2	42.0	48.1	53.2	54.6	56.6	58.7	59.2	60.1	61.1	61.3	61.6	61.7	62.1	62.3
≥ 4000	15.4	35.8	43.9	50.5	55.9	57.4	59.4	61.7	62.4	63.2	64.2	64.4	64.7	64.8	65.2	65.4
≥ 3500	15.2	37.3	45.7	52.3	57.8	59.3	61.3	63.8	64.6	65.3	66.3	66.7	67.0	67.1	67.4	67.6
≥ 3000	17.1	39.6	48.4	55.6	61.7	63.4	65.6	68.1	68.9	70.0	71.1	71.3	71.6	71.7	72.0	72.2
≥ 2500	18.0	41.7	51.2	59.1	65.4	67.4	69.6	72.4	73.2	74.4	75.3	75.7	76.0	76.1	76.4	76.6
≥ 2000	18.3	43.3	53.2	61.9	68.5	70.8	73.5	76.4	77.3	78.5	79.6	79.8	80.2	80.3	80.8	81.1
≥ 1600	18.4	43.7	53.7	62.4	69.0	71.3	74.0	76.9	77.7	79.0	80.1	80.3	80.6	80.7	81.3	81.6
≥ 1500	19.0	44.9	55.0	64.3	71.1	73.3	76.1	79.6	80.4	81.8	83.1	83.3	83.7	83.8	84.4	84.7
≥ 1200	19.3	45.2	55.4	65.0	71.7	74.1	77.4	81.2	82.1	83.7	85.1	85.3	85.7	85.8	86.4	86.7
≥ 1000	19.8	45.9	56.2	66.1	73.2	76.1	79.9	83.7	84.7	86.7	88.5	89.0	89.3	89.5	90.0	90.3
≥ 900	20.0	46.2	56.5	66.5	73.6	76.4	80.4	84.3	85.2	87.4	89.1	89.6	90.0	90.2	90.7	91.0
≥ 800	20.1	46.7	57.0	67.1	74.5	77.3	81.6	85.6	86.6	89.0	90.9	91.4	91.8	92.0	92.5	92.8
≥ 700	20.1	46.8	57.3	67.5	75.0	78.0	82.1	86.2	87.2	89.6	91.5	92.1	92.5	92.7	93.2	93.5
≥ 600	20.2	46.9	57.6	67.8	75.4	78.5	82.6	86.8	87.9	90.3	92.4	92.9	93.4	93.6	94.0	94.3
≥ 500	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3
≥ 400	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3
≥ 300	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3
≥ 200	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3
≥ 100	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3
≥ 0	20.2	46.9	57.7	68.0	75.8	79.0	83.1	87.4	88.5	91.1	93.3	93.8	94.3	94.5	95.0	95.3

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-57

VAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.3	≥ 0.2	≥ 0.1	≥ 0.05	≥ 0.03	≥ 0.01
NO CEILING ≥ 20000	9.9	20.7	24.4	27.2	28.6	29.0	29.9	30.5	30.8	31.1	31.2	31.4	31.4	31.5	31.5	31.5
IV 18000	11.9	25.6	30.0	32.4	33.6	34.1	34.7	35.0	35.2	35.4	35.6	35.8	35.8	35.9	35.9	35.9
IV 16000	12.8	26.6	31.1	34.0	35.8	37.3	38.4	39.0	39.3	39.6	39.8	39.9	39.9	40.1	40.1	40.1
IV 14000	12.9	27.3	31.0	35.3	37.4	38.0	39.1	39.7	40.0	40.3	40.5	40.6	40.6	40.8	40.8	40.8
IV 12000	13.0	27.6	32.1	35.6	37.8	38.4	39.6	40.3	40.6	40.9	41.1	41.2	41.2	41.3	41.3	41.3
IV 10000	13.6	28.3	32.9	36.6	38.8	39.4	40.6	41.3	41.5	41.8	42.0	42.1	42.1	42.3	42.4	42.4
IV 9000	14.5	30.1	34.8	38.6	41.0	41.5	42.7	43.4	43.7	44.0	44.2	44.3	44.3	44.5	44.6	44.6
IV 8000	15.7	32.4	37.4	41.6	44.2	44.8	46.1	46.9	47.2	47.5	47.7	47.8	47.8	48.0	48.1	48.1
IV 7000	17.6	37.2	42.9	47.4	50.5	51.3	52.8	53.6	53.9	54.3	54.4	54.5	54.5	54.7	54.8	54.8
IV 6000	18.1	38.3	44.3	49.0	52.2	53.1	54.6	55.4	55.7	56.1	56.2	56.4	56.4	56.6	56.7	56.7
IV 5000	18.4	39.0	45.3	50.3	53.7	54.5	56.2	57.1	57.4	57.8	58.0	58.1	58.1	58.3	58.4	58.4
IV 4500	18.7	39.9	46.4	51.6	55.1	56.0	58.0	58.7	59.0	59.4	59.6	59.7	59.7	59.9	60.0	60.0
IV 4000	19.1	41.0	47.5	52.8	56.3	57.2	59.1	59.9	60.2	60.6	60.8	60.9	60.9	61.1	61.2	61.2
IV 3500	19.9	42.5	49.1	54.7	58.3	59.2	61.3	62.2	62.5	62.9	63.0	63.1	63.1	63.3	63.4	63.4
IV 3000	20.7	43.5	50.0	56.2	59.7	60.7	63.0	63.8	64.1	64.5	64.6	64.7	64.7	64.9	65.0	65.0
IV 2500	22.4	45.7	52.7	59.3	63.2	64.2	66.6	67.5	67.8	68.2	68.3	68.4	68.4	68.6	68.7	68.7
IV 2000	24.1	49.0	56.5	63.5	67.6	68.6	71.2	72.2	72.5	73.0	73.2	73.3	73.3	73.5	73.6	73.6
IV 1800	25.0	50.8	59.1	66.9	71.6	72.5	75.3	76.3	76.6	77.2	77.3	77.4	77.4	77.6	77.7	77.7
IV 1500	25.2	51.1	59.9	67.6	72.3	73.3	76.1	77.4	77.7	78.2	78.4	78.5	78.5	78.7	78.8	78.8
IV 1200	26.2	53.3	62.9	71.5	76.7	77.7	80.6	82.4	82.7	83.3	83.5	83.6	83.6	83.8	83.9	83.9
IV 1000	26.4	54.1	63.9	73.2	78.7	79.9	83.3	85.6	86.1	86.9	87.1	87.2	87.2	87.4	87.5	87.5
IV 900	27.5	55.9	66.2	75.9	82.0	83.5	87.0	89.5	90.0	91.3	91.8	91.9	91.9	92.2	92.3	92.3
IV 800	27.5	56.1	66.4	76.4	83.0	84.6	88.3	90.9	91.5	92.1	92.4	92.5	92.5	92.8	92.9	92.9
IV 700	27.5	56.2	66.5	76.7	83.3	85.0	88.9	91.7	92.3	93.3	93.6	93.7	93.7	94.0	94.1	94.1
IV 600	27.5	56.2	66.6	76.8	83.6	85.0	89.1	92.3	93.3	95.1	95.5	95.7	95.7	96.1	96.2	96.2
IV 500	27.5	56.2	66.7	77.0	83.9	85.7	89.5	92.8	94.0	96.2	96.7	96.9	96.9	97.1	97.3	97.3
IV 400	27.5	56.2	66.7	77.0	83.9	85.7	89.5	92.9	94.3	96.6	97.2	97.4	97.4	97.8	98.0	98.0
IV 300	27.5	56.2	66.7	77.0	83.9	85.7	89.5	93.1	94.5	97.0	97.8	98.0	98.0	98.4	98.5	98.5
IV 200	27.5	56.2	66.7	77.0	83.9	85.7	89.5	93.1	94.5	97.0	97.8	98.0	98.0	98.5	98.6	98.6
IV 100	27.5	56.2	66.7	77.0	83.9	85.7	89.5	93.1	94.5	97.0	97.8	98.0	98.0	98.5	98.6	98.6
IV 0	27.5	56.2	66.7	77.0	83.9	85.7	89.5	93.1	94.5	97.0	97.8	98.0	98.0	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

47-57

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.0	27.3	29.9	31.1	31.4	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 20000	21.3	34.6	37.3	39.0	39.4	39.9	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 18000	22.2	35.8	38.7	40.3	40.7	41.2	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 16000	22.3	36.3	39.3	40.9	41.3	41.7	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 14000	22.8	37.0	40.1	41.6	42.0	42.6	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 12000	24.3	38.5	41.6	43.2	43.6	44.2	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 10000	26.2	41.0	44.3	46.0	46.4	47.0	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 9000	27.9	43.6	47.3	49.5	49.9	50.4	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 8000	29.4	47.3	51.5	53.9	54.3	54.8	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 7000	30.1	49.0	53.2	55.5	55.9	56.6	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 6000	30.4	49.7	54.1	56.4	56.8	57.5	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 5000	31.0	50.6	55.2	57.3	58.3	58.9	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 4500	31.2	50.8	55.5	58.1	58.6	59.2	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 4000	32.6	53.3	58.0	61.0	61.5	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 3500	33.8	55.0	59.8	63.0	63.5	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 3000	36.6	60.2	65.6	69.1	69.7	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 2500	41.0	66.2	72.0	76.1	76.7	77.5	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 2000	42.6	69.2	75.7	80.6	81.4	82.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1800	43.2	69.9	76.5	81.5	82.3	83.4	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1500	44.3	72.3	79.7	85.4	87.1	88.3	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	44.3	73.1	80.6	87.1	88.6	90.0	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1000	44.8	74.3	82.1	89.1	91.0	92.8	94.1	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900	44.9	74.6	82.4	89.4	91.4	93.2	94.6	95.4	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 800	45.2	74.9	82.7	89.8	91.9	94.1	95.6	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	45.2	74.9	82.7	90.0	92.2	94.5	96.2	97.0	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7
IV 400	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7
IV 300	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7
IV 200	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7
IV 100	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7
IV 0	45.2	74.9	82.7	90.1	92.4	94.7	96.4	97.3	98.9	99.3	99.6	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION

47-57  
YEARS

4AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	22,0	30,5	32,0	33,3	33,8	33,9	34,1	34,1	34,1	34,1	34,1	34,1	34,1	34,1	34,1
≥ 20000	28,1	39,0	40,9	42,8	42,3	42,6	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0	44,0
IV 18000	28,3	39,7	41,5	43,5	44,0	44,5	44,8	44,8	44,8	44,8	44,8	44,8	44,8	44,8	44,8
IV 16000	28,3	39,9	41,8	43,9	44,5	45,1	45,3	45,3	45,3	45,3	45,3	45,3	45,3	45,3	45,3
IV 14000	29,1	40,8	42,7	44,8	45,4	45,9	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1	46,1
IV 12000	30,8	42,7	44,9	46,9	47,6	48,2	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4	48,4
IV 10000	32,6	45,3	47,6	49,9	50,5	51,2	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4	51,4
IV 9000	33,9	47,2	49,6	51,9	52,6	53,4	53,6	53,6	53,6	53,6	53,6	53,6	53,6	53,6	53,6
IV 8000	36,6	50,9	53,6	56,0	56,7	57,5	57,9	57,9	57,9	57,9	57,9	57,9	57,9	57,9	57,9
IV 7000	38,0	53,5	56,4	58,9	59,6	60,6	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0	61,0
IV 6000	38,7	54,9	57,9	60,5	61,2	62,2	62,6	62,6	62,6	62,6	62,6	62,6	62,6	62,6	62,6
IV 5000	39,5	56,3	59,2	62,1	62,8	63,7	64,1	64,1	64,1	64,1	64,1	64,1	64,1	64,1	64,1
IV 4500	40,2	57,2	60,1	63,0	63,6	64,6	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0	65,0
IV 4000	41,5	59,6	62,9	65,8	66,5	67,4	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8
IV 3500	43,1	61,9	65,4	68,6	69,4	70,4	70,9	71,0	71,0	71,0	71,0	71,0	71,0	71,0	71,0
IV 3000	46,0	67,0	70,8	74,8	76,1	77,1	77,7	77,7	77,7	77,7	77,7	77,7	77,7	77,7	77,7
IV 2500	48,4	70,8	75,3	79,2	80,7	81,9	82,6	82,7	82,8	82,9	82,9	82,9	82,9	82,9	82,9
IV 2000	50,3	74,3	79,4	84,2	85,5	87,1	87,9	88,1	88,2	88,3	88,3	88,4	88,4	88,4	88,4
IV 1800	50,5	74,5	79,6	84,4	85,7	87,3	88,1	88,2	88,4	88,6	88,7	88,7	88,7	88,7	88,7
IV 1500	52,1	76,7	82,1	87,1	88,8	90,4	91,4	91,6	91,7	91,9	92,0	92,0	92,0	92,0	92,0
IV 1200	52,6	77,8	83,8	88,8	90,5	92,5	93,3	93,6	93,7	93,9	94,0	94,1	94,1	94,1	94,1
IV 1000	52,9	78,6	84,9	90,2	92,5	94,8	95,7	96,2	96,6	96,9	97,1	97,2	97,2	97,2	97,2
IV 900	53,0	78,7	85,1	90,7	93,1	95,2	96,4	96,9	97,4	97,7	97,8	97,9	97,9	97,9	97,9
IV 800	53,0	78,8	85,3	91,0	93,4	95,6	96,8	97,3	98,1	98,4	98,6	98,7	98,7	98,7	98,7
IV 700	53,0	78,8	85,3	91,0	93,5	95,8	97,3	98,0	98,8	99,1	99,2	99,4	99,4	99,4	99,4
IV 600	53,1	78,9	85,4	91,1	93,6	96,0	97,6	98,3	99,2	99,3	99,7	99,8	99,8	99,8	99,8
IV 500	53,1	78,9	85,4	91,1	93,6	96,0	97,6	98,3	99,2	99,3	99,7	99,8	99,8	99,8	99,8
IV 400	53,2	79,0	85,5	91,2	93,7	96,1	97,7	98,4	99,3	99,6	99,8	99,9	99,9	99,9	99,9
IV 300	53,2	79,0	85,5	91,2	93,7	96,1	97,7	98,4	99,3	99,6	99,8	99,9	99,9	99,9	99,9
IV 200	53,2	79,0	85,5	91,2	93,7	96,1	97,7	98,4	99,3	99,6	99,8	99,9	99,9	99,9	99,9
IV 100	53,2	79,0	85,5	91,2	93,7	96,1	97,7	98,4	99,3	99,6	99,8	99,9	99,9	99,9	99,9
IV 0	53,2	79,0	85,5	91,2	93,7	96,1	97,7	98,4	99,3	99,6	99,8	99,9	99,9	99,9	99,9

TOTAL NUMBER OF OBSERVATIONS: 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-57  
TIME

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.8	32.9	37.5	40.3	41.5	42.1	42.9	42.9	43.1	43.1	43.1	43.1	43.2	43.2	43.2
≥ 20000	22.0	37.9	42.6	45.9	47.2	48.1	49.0	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3
≥ 18000	22.3	38.5	43.3	46.6	47.9	48.8	49.7	49.7	49.9	49.9	49.9	49.9	50.0	50.0	50.0
≥ 16000	22.4	38.8	43.6	46.9	48.2	49.1	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2
IV 14000	22.7	39.4	44.3	47.6	48.9	49.8	50.6	50.6	50.8	50.8	50.8	50.8	50.9	50.9	50.9
IV 12000	23.2	41.1	45.9	49.4	50.8	51.7	52.6	52.6	52.8	52.8	52.8	52.8	52.9	52.9	52.9
IV 10000	24.3	43.1	48.4	52.3	54.0	54.8	55.7	55.7	56.0	56.1	56.2	56.2	56.3	56.3	56.3
IV 9000	25.6	44.9	50.3	54.3	56.0	56.9	57.8	57.8	58.1	58.2	58.3	58.3	58.4	58.4	58.4
IV 8000	26.4	46.4	52.1	56.6	58.6	59.4	60.7	60.7	61.0	61.1	61.2	61.2	61.3	61.3	61.3
IV 7000	28.3	48.9	55.2	59.8	61.9	62.8	64.2	64.3	64.6	64.7	64.8	64.8	64.9	64.9	64.9
IV 6000	28.8	50.2	56.6	61.2	63.2	64.1	65.6	65.7	66.0	66.1	66.2	66.2	66.3	66.3	66.3
IV 5000	29.3	51.9	58.3	63.0	65.1	66.0	67.5	67.6	67.9	68.0	68.1	68.1	68.2	68.2	68.2
IV 4500	29.6	52.4	58.9	63.8	65.9	66.8	68.3	68.4	68.7	68.8	68.9	68.9	69.0	69.0	69.0
IV 4000	30.3	53.0	62.0	67.0	69.0	69.9	71.6	71.7	71.9	72.1	72.2	72.2	72.3	72.3	72.3
IV 3500	31.4	57.3	64.6	69.7	72.1	73.1	74.9	75.0	75.3	75.3	75.6	75.6	75.7	75.7	75.7
IV 3000	33.2	62.1	69.6	75.1	78.7	79.9	81.6	81.7	82.0	82.2	82.3	82.3	82.4	82.4	82.4
IV 2500	34.1	63.6	72.0	78.0	81.8	83.0	84.9	85.1	85.4	85.6	85.6	85.8	85.8	85.9	85.9
IV 2000	34.7	65.3	74.2	81.2	85.3	86.7	89.2	89.6	89.9	90.1	90.3	90.3	90.4	90.4	90.4
IV 1800	34.8	65.6	74.5	81.5	85.7	87.3	89.8	90.3	90.8	91.0	91.2	91.2	91.3	91.3	91.3
IV 1500	34.9	66.0	75.3	82.8	87.1	88.7	91.3	92.0	92.6	92.8	93.0	93.0	93.1	93.1	93.1
IV 1200	35.1	66.4	75.9	83.6	88.0	89.6	92.4	93.1	93.7	94.0	94.2	94.2	94.3	94.3	94.3
IV 1000	35.4	66.7	76.7	84.6	89.3	91.3	94.2	94.9	95.6	96.4	96.8	96.8	96.9	96.9	96.9
IV 900	35.4	67.0	77.0	84.9	89.7	91.7	94.6	95.3	96.0	97.0	97.4	97.4	97.5	97.5	97.5
IV 800	35.4	67.4	77.4	85.5	90.3	92.3	95.3	95.9	96.8	97.8	98.3	98.3	98.4	98.4	98.4
IV 700	35.4	67.6	77.5	85.8	90.6	92.6	95.5	96.2	97.2	98.3	98.8	98.8	98.9	98.9	98.9
IV 600	35.4	67.5	77.6	85.9	90.7	92.7	95.7	96.4	97.4	98.7	99.2	99.2	99.3	99.3	99.3
IV 500	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	99.8	99.8	99.8
IV 400	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	99.8	99.8	99.8
IV 300	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	100.0	100.0	100.0
IV 200	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	100.0	100.0	100.0
IV 100	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	100.0	100.0	100.0
IV 0	35.4	67.7	77.8	86.1	91.0	93.0	96.0	96.7	97.7	99.1	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34164 ERDING GERMANY AIR STATION

47-37

AR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	14.5	33.0	38.5	42.2	44.2	44.4	45.3	45.5	45.6	46.2	46.2	46.4	46.6	46.7	46.7	46.8
≥ 20000	15.2	36.3	42.0	45.8	47.9	48.1	49.0	49.2	49.3	50.0	50.0	50.1	50.3	50.4	50.4	50.5
IV 18000	15.5	37.2	42.9	47.0	49.2	49.4	50.2	50.4	50.5	51.2	51.3	51.4	51.6	51.7	51.7	51.8
IV 16000	15.6	37.4	43.1	47.2	49.4	49.6	50.4	50.6	50.7	51.4	51.4	51.6	51.8	51.9	51.9	52.0
IV 14000	15.7	37.6	43.3	47.4	49.6	49.8	50.6	50.8	50.9	51.6	51.6	51.8	52.0	52.1	52.1	52.2
IV 12000	16.2	38.6	44.4	48.7	51.1	51.3	52.2	52.4	52.5	53.2	53.2	53.4	53.6	53.7	53.7	53.8
IV 10000	17.4	41.1	46.9	51.3	54.2	54.4	55.3	55.5	55.7	56.6	56.6	56.8	57.0	57.1	57.1	57.2
IV 9000	17.7	41.8	47.8	52.6	55.3	55.6	56.5	56.7	56.9	57.8	57.8	58.0	58.2	58.3	58.3	58.4
IV 8000	19.2	44.0	50.5	55.6	58.7	58.9	59.9	60.1	60.3	61.2	61.2	61.4	61.6	61.7	61.7	61.8
IV 7000	20.2	45.8	52.0	57.9	61.4	61.7	62.7	62.9	63.0	63.9	63.9	64.1	64.3	64.4	64.4	64.5
IV 6000	20.3	46.8	53.8	58.8	62.5	62.8	63.8	64.0	64.2	65.1	65.1	65.3	65.5	65.6	65.6	65.7
IV 5000	20.4	47.8	54.9	60.3	64.1	64.4	65.7	65.9	66.1	67.1	67.1	67.3	67.5	67.6	67.6	67.7
IV 4500	20.6	48.8	56.6	62.3	66.1	66.4	67.7	67.9	68.1	69.2	69.2	69.4	69.6	69.7	69.7	69.8
IV 4000	21.5	51.5	59.8	65.5	69.6	70.1	71.7	71.9	72.1	73.2	73.2	73.4	73.6	73.7	73.7	73.8
IV 3500	22.3	53.5	61.9	67.6	71.9	72.6	74.4	74.7	75.0	76.1	76.1	76.2	76.4	76.5	76.5	76.6
IV 3000	22.8	55.6	64.6	71.4	76.2	77.4	79.7	80.0	80.3	81.3	81.3	81.5	81.7	81.8	81.8	81.9
IV 2500	23.3	56.8	66.5	74.4	79.6	80.9	83.3	83.6	83.9	84.9	84.9	85.1	85.3	85.4	85.4	85.5
IV 2000	23.5	58.7	68.9	77.0	83.3	84.8	87.3	87.6	88.4	89.4	89.4	89.6	89.8	89.9	89.9	90.0
IV 1800	23.5	59.9	69.2	77.3	83.6	85.1	87.9	88.4	89.0	90.0	90.0	90.2	90.4	90.5	90.5	90.6
IV 1500	23.5	59.2	69.9	78.6	84.9	86.7	89.3	90.3	90.9	92.1	92.1	92.3	92.5	92.6	92.6	92.7
IV 1200	23.5	59.8	70.9	80.3	86.6	88.6	91.3	92.4	93.1	94.3	94.3	94.5	94.7	94.8	94.8	94.9
IV 1000	23.5	60.5	72.0	81.7	88.7	90.9	93.8	94.7	95.4	97.0	97.0	97.3	97.5	97.6	97.6	97.7
IV 900	23.6	60.7	72.2	82.0	89.0	91.2	94.1	95.0	95.8	97.4	97.4	97.7	97.9	98.0	98.0	98.1
IV 800	23.6	60.7	72.3	82.1	89.1	91.4	94.3	95.3	96.4	98.0	98.0	98.3	98.5	98.6	98.6	98.7
IV 700	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 600	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 500	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 400	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 300	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 200	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 100	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9
IV 0	23.6	60.7	72.4	82.2	89.3	91.6	94.5	95.5	96.6	98.2	98.2	98.5	98.7	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

47-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.9	40.6	43.8	46.1	47.3	47.4	47.5	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	20.2	42.3	46.0	46.6	49.8	49.9	50.0	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2
IV 18000	20.5	42.6	46.3	48.9	50.1	50.2	50.3	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
IV 16000	20.6	42.8	46.5	49.1	50.2	50.4	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7
IV 14000	20.8	43.2	46.9	49.5	50.7	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1
IV 12000	21.4	44.1	47.9	50.6	51.5	51.9	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	22.6	46.2	50.0	52.7	54.0	54.2	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7
IV 9000	23.2	47.9	51.8	54.8	56.2	56.4	56.7	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
IV 8000	24.2	51.1	56.1	59.1	60.5	60.7	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
IV 7000	25.8	54.9	59.9	63.3	64.9	65.2	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	26.3	56.0	61.0	64.7	66.6	66.8	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 5000	27.1	59.0	64.2	68.2	70.1	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500	27.2	60.2	65.8	70.1	72.0	72.2	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 4000	27.7	62.5	68.2	73.0	75.2	75.4	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 3500	28.1	64.0	69.9	75.1	77.5	77.8	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
IV 3000	28.4	66.8	73.3	78.8	81.4	81.9	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
IV 2500	28.6	67.9	75.7	81.4	84.1	84.6	84.9	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 2000	28.9	69.4	78.2	84.6	87.8	88.4	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 1800	28.9	70.4	79.0	85.7	88.9	89.6	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 1500	29.1	71.3	80.4	87.2	90.9	91.8	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	29.1	71.6	81.0	88.2	92.0	93.0	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	29.1	71.9	81.5	88.8	92.7	93.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	29.1	71.9	81.8	89.1	93.2	94.3	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 800	29.1	71.9	81.8	89.4	93.5	94.6	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	29.1	73.0	81.9	89.6	93.7	95.1	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	29.1	72.2	82.1	89.8	94.0	95.4	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	29.1	72.3	82.2	90.0	94.3	95.7	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	29.1	72.3	82.2	90.1	94.6	96.0	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	29.1	72.3	82.2	90.1	94.6	96.0	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	29.1	72.3	82.2	90.1	94.6	96.0	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	29.1	72.3	82.2	90.1	94.6	96.0	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	29.1	72.3	82.2	90.1	94.6	96.0	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

47-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	13.8	30.5	35.4	28.6	40.1	40.5	41.6	41.6	41.6	41.7	42.1	42.1	42.4	42.4	42.4	42.7
IV 18000	14.7	33.4	39.1	42.8	44.4	44.9	46.2	46.3	46.4	46.5	46.9	46.9	47.2	47.2	47.2	47.5
IV 16000	14.9	34.0	39.7	43.4	45.1	45.6	46.8	46.9	47.0	47.1	47.3	47.3	47.8	47.8	47.8	48.1
IV 14000	15.1	34.2	39.9	43.6	45.3	45.8	47.0	47.1	47.2	47.3	47.7	47.7	48.0	48.0	48.0	48.3
IV 12000	15.2	34.3	40.0	43.7	45.4	45.9	47.1	47.2	47.3	47.4	47.8	47.8	48.1	48.1	48.1	48.4
IV 10000	15.9	35.3	41.2	44.9	46.6	47.1	48.3	48.4	48.5	48.6	49.0	49.0	49.3	49.3	49.3	49.6
IV 9000	16.3	36.9	43.1	47.0	48.8	49.3	50.5	50.6	50.7	50.8	51.2	51.2	51.5	51.5	51.5	51.8
IV 8000	16.6	38.3	44.9	49.0	50.8	51.3	52.5	52.6	52.7	52.8	53.2	53.2	53.5	53.5	53.5	53.8
IV 7000	17.5	41.3	48.1	53.0	55.2	55.7	56.9	57.0	57.1	57.2	57.6	57.6	57.9	57.9	57.9	58.2
IV 6000	19.2	43.8	51.1	56.1	58.2	58.7	59.9	60.1	60.2	60.3	60.7	60.7	61.0	61.0	61.0	61.3
IV 5000	19.9	45.1	52.4	57.6	59.8	60.3	61.5	61.7	61.8	61.9	62.3	62.3	62.6	62.6	62.6	62.9
IV 4500	20.3	47.3	54.8	60.6	63.0	63.5	64.8	65.1	65.2	65.3	65.7	65.7	66.0	66.0	66.0	66.4
IV 4000	20.6	48.5	56.1	62.0	64.4	64.9	66.2	66.7	66.8	66.9	67.3	67.3	67.6	67.6	67.6	68.0
IV 3500	21.6	51.3	58.9	65.5	68.0	68.7	70.3	70.6	70.7	70.8	71.2	71.2	71.5	71.5	71.5	71.9
IV 3000	22.0	53.0	61.1	68.1	70.8	71.6	73.2	73.5	73.6	73.7	74.1	74.1	74.4	74.4	74.4	74.8
IV 2500	22.7	56.3	65.5	72.9	76.3	77.3	79.1	79.3	79.5	79.9	80.3	80.3	80.6	80.6	80.6	81.0
IV 2000	23.2	57.9	67.9	75.8	79.4	80.4	82.3	82.7	82.8	83.2	83.6	83.6	83.9	83.9	83.9	84.3
IV 1800	23.6	59.5	69.9	78.4	82.0	83.4	85.6	86.0	86.1	86.4	87.0	87.0	87.3	87.3	87.3	87.7
IV 1600	23.6	59.5	70.1	78.7	82.7	83.8	86.0	86.4	86.5	87.0	87.4	87.4	87.7	87.7	87.7	88.1
IV 1400	23.7	60.0	71.2	80.3	84.7	86.2	88.5	89.2	89.3	89.8	90.2	90.2	90.5	90.5	90.5	90.9
IV 1200	23.7	60.2	71.4	81.4	85.9	87.3	89.3	90.8	90.9	91.4	91.8	91.8	92.1	92.1	92.1	92.6
IV 1000	23.7	60.4	72.0	82.1	86.7	88.2	90.7	92.0	92.1	92.8	93.2	93.2	93.5	93.5	93.5	94.0
IV 900	23.7	60.5	72.4	82.5	87.3	88.9	91.4	92.7	92.8	93.5	93.9	93.9	94.2	94.2	94.2	94.7
IV 800	23.7	60.5	72.4	82.7	87.7	89.4	91.9	93.3	93.4	94.1	94.5	94.5	94.8	94.8	94.8	95.4
IV 700	23.7	60.5	72.5	82.8	87.8	89.5	92.0	93.5	93.6	94.3	94.7	94.7	95.0	95.0	95.0	95.6
IV 600	23.8	60.8	72.8	83.2	88.4	90.1	92.6	94.3	94.4	95.2	95.6	95.6	96.1	96.1	96.1	96.7
IV 500	23.8	60.8	72.8	83.2	88.5	90.2	92.7	94.5	94.6	95.4	95.8	95.8	96.3	96.3	96.3	96.9
IV 400	23.8	60.8	72.8	83.4	89.0	90.7	93.2	95.4	95.5	96.3	96.7	96.7	97.1	97.1	97.1	97.8
IV 300	23.8	60.8	72.8	83.4	89.1	90.8	93.3	95.6	95.7	96.5	96.9	96.9	97.3	97.3	97.3	98.0
IV 200	23.8	60.8	72.8	83.4	89.1	90.8	93.3	95.6	95.7	96.5	96.9	96.9	97.3	97.3	97.3	98.0
IV 100	23.8	60.8	72.8	83.4	89.1	90.8	93.3	95.6	95.7	96.5	96.9	96.9	97.3	97.3	97.3	98.0
IV 0	23.8	60.8	72.8	83.4	89.1	90.8	93.3	95.6	95.7	96.5	96.9	96.9	97.3	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 990



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168

ERDING GERMANY AIR STATION

46-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	12.0	23.6	27.5	31.0	32.9	34.0	35.6	36.0	36.0	36.4	36.5	36.5	36.5	36.5	36.5	37.3
≥ 20000	12.6	28.5	33.2	37.3	39.5	40.6	42.4	42.7	42.8	43.2	43.4	43.4	43.4	43.4	43.4	44.2
IV 18000	14.5	30.3	35.2	39.3	41.5	42.7	44.0	45.0	45.1	45.3	45.7	45.7	45.7	45.7	45.7	46.5
IV 16000	14.5	30.3	35.2	39.4	41.6	42.7	44.8	45.2	45.3	45.7	45.9	45.9	45.9	45.9	45.9	46.7
IV 14000	14.5	30.3	35.2	39.4	41.6	42.7	44.8	45.2	45.3	45.7	45.9	45.9	45.9	45.9	45.9	46.7
IV 12000	14.5	31.3	36.1	40.4	42.8	44.0	46.0	46.5	46.6	46.9	47.1	47.1	47.1	47.1	47.1	47.9
IV 10000	15.4	32.8	37.7	42.4	44.8	46.1	48.2	48.8	48.9	49.2	49.4	49.4	49.4	49.4	49.4	50.2
IV 9000	15.8	33.8	39.3	44.0	46.7	47.9	50.2	50.8	50.9	51.2	51.4	51.4	51.4	51.4	51.4	52.2
IV 8000	17.2	36.6	42.7	47.6	50.4	51.7	54.1	54.8	54.9	55.2	55.4	55.4	55.4	55.4	55.4	56.2
IV 7000	18.5	39.2	45.8	50.8	53.0	55.0	57.4	58.2	58.3	58.7	58.9	58.9	58.9	58.9	58.9	59.7
IV 6000	19.7	40.3	47.0	52.2	55.1	56.5	59.0	59.7	59.8	60.2	60.4	60.4	60.4	60.4	60.4	61.3
IV 5000	20.3	42.2	49.2	55.1	58.1	59.6	62.4	63.2	63.3	63.6	63.8	63.8	63.8	63.8	63.8	64.7
IV 4500	21.1	43.8	51.2	57.3	60.3	61.9	64.7	65.5	65.6	65.9	66.1	66.2	66.2	66.2	66.2	67.0
IV 4000	22.5	46.5	54.2	60.7	64.0	65.6	68.9	69.7	69.8	70.1	70.4	70.5	70.5	70.5	70.5	71.3
IV 3500	22.5	47.2	55.2	61.8	65.2	67.0	70.4	70.8	70.9	71.3	71.6	71.7	71.7	71.7	71.7	72.4
IV 3000	24.5	50.7	59.2	66.4	69.8	71.7	74.9	75.7	75.8	76.1	76.4	76.5	76.5	76.5	76.5	77.3
IV 2500	25.6	53.0	62.4	70.3	74.0	75.9	79.2	80.1	80.2	80.5	80.8	80.9	80.9	80.9	80.9	81.7
IV 2000	26.4	54.7	64.7	73.1	76.9	78.8	82.2	83.2	83.4	83.9	84.2	84.3	84.3	84.3	84.3	85.0
IV 1800	26.8	55.0	65.0	73.4	77.4	79.3	82.7	83.7	83.9	84.4	84.6	84.7	84.7	84.7	84.7	85.5
IV 1500	27.1	55.7	66.4	75.7	79.7	81.7	85.3	86.3	86.5	86.9	87.3	87.4	87.4	87.4	87.4	88.2
IV 1200	27.2	56.2	67.1	76.6	80.8	82.9	86.6	87.5	87.8	88.1	88.5	88.6	88.6	88.6	88.6	89.4
IV 1000	27.5	57.2	68.3	78.1	82.7	85.2	89.1	90.4	90.7	91.3	91.8	91.9	91.9	91.9	91.9	92.7
IV 900	27.5	57.3	68.3	78.4	83.2	85.9	89.8	91.0	91.3	91.9	92.5	92.8	92.8	92.8	92.8	93.6
IV 800	27.5	58.1	69.7	79.7	84.5	87.3	91.1	92.6	92.9	93.5	94.0	94.1	94.1	94.1	94.1	94.9
IV 700	27.5	58.1	69.7	79.7	84.5	87.3	91.1	92.6	93.0	93.6	94.1	94.2	94.2	94.2	94.2	95.0
IV 600	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 500	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 400	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 300	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 200	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 100	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0
IV 0	27.6	58.3	70.1	80.2	85.4	88.2	92.3	93.5	94.0	94.7	95.1	95.2	95.2	95.2	95.2	96.0

TOTAL NUMBER OF OBSERVATIONS 1048

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

BRUNING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	20.2	29.7	31.8	33.0	34.5	34.8	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	24.4	36.3	38.6	40.2	41.7	41.9	42.7	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9
IV 18000	26.0	38.5	40.9	42.4	44.0	44.3	45.1	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
IV 16000	26.0	38.5	41.0	42.5	44.1	44.4	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4
IV 14000	26.1	39.0	41.7	43.2	44.7	45.0	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
IV 12000	26.5	40.1	42.8	44.4	46.0	46.2	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3
IV 10000	27.4	41.2	43.9	45.7	47.3	47.6	48.4	48.4	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7
IV 9000	27.9	42.5	45.3	47.4	49.1	49.3	50.2	50.2	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
IV 8000	29.7	45.3	48.3	50.3	52.0	52.3	53.1	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4
IV 7000	31.1	47.3	50.5	52.4	54.1	54.4	55.3	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6
IV 6000	32.5	48.9	52.3	54.2	56.1	56.4	57.3	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6
IV 5000	33.2	50.6	54.1	56.2	58.1	58.3	59.3	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
IV 4500	34.0	51.8	55.4	57.5	59.4	59.7	60.6	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9
IV 4000	35.0	53.1	56.8	58.8	60.8	61.1	62.0	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
IV 3500	36.2	55.1	59.0	61.1	63.1	63.4	64.4	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
IV 3000	38.9	59.3	63.9	66.1	68.2	68.5	69.7	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 2500	42.3	64.8	69.5	72.2	74.3	74.6	75.9	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
IV 2000	44.8	68.0	73.6	77.2	79.4	79.6	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
IV 1800	45.7	69.9	74.9	78.4	80.6	80.9	82.4	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
IV 1500	47.6	73.2	78.5	82.5	84.9	85.2	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 1200	48.0	74.4	80.1	84.3	87.1	87.3	88.8	89.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
IV 1000	48.3	76.5	82.6	87.2	90.2	90.5	92.0	92.3	92.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0
IV 900	48.6	76.8	82.9	87.6	90.6	90.9	92.3	92.6	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 800	48.8	77.9	84.3	89.2	92.6	93.1	94.7	95.0	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8
IV 700	48.8	77.9	84.3	89.2	92.6	93.1	94.7	95.0	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8
IV 600	48.8	78.1	84.8	90.1	93.7	94.3	96.3	96.8	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	48.8	78.4	85.2	90.4	94.2	95.0	97.0	97.6	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	48.8	78.4	85.2	90.4	94.2	95.1	97.1	97.7	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	48.8	78.4	85.3	90.5	94.3	95.3	97.2	97.8	98.4	99.2	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	48.8	78.4	85.3	90.5	94.3	95.3	97.2	97.8	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	48.8	78.4	85.3	90.5	94.3	95.3	97.2	97.8	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	48.8	78.4	85.3	90.5	94.3	95.3	97.2	97.8	98.4	99.2	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1064

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.3	28.8	29.3	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 18000	31.7	37.3	38.4	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 16000	33.1	39.5	40.2	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 14000	33.9	40.4	41.0	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000	34.4	40.9	41.6	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 10000	35.8	42.5	43.2	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 9000	37.4	44.0	45.3	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 8000	38.2	45.7	46.4	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 7000	40.0	48.2	49.0	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 6000	41.6	50.2	50.9	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 5000	42.6	51.5	52.4	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 4500	43.9	53.6	54.6	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 4000	44.6	54.4	55.4	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 3500	47.5	58.2	59.4	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 3000	50.9	62.3	64.4	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 2500	56.7	71.5	72.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 2000	60.8	77.2	78.8	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 1800	64.5	82.1	84.3	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1600	64.8	82.8	84.9	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	66.3	85.1	87.8	90.1	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1200	66.7	85.9	88.8	91.0	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	67.0	86.9	89.8	92.6	92.8	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	67.1	87.2	90.1	92.7	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	67.7	88.1	91.2	94.1	95.1	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 200	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 100	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 0	67.7	88.3	91.3	94.6	95.8	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 1068

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING ≥ 20000	28.2	30.4	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
IV 18000	38.1	42.9	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 16000	39.1	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 14000	39.4	44.4	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 12000	40.9	45.9	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 10000	43.4	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 9000	44.8	50.3	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 8000	47.9	53.7	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 7000	48.9	55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 6000	49.9	56.3	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 5000	52.0	58.9	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 4500	53.4	60.5	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 4000	56.3	64.4	65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 3500	58.8	67.8	68.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 3000	62.8	74.5	75.5	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2500	67.1	80.3	81.8	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 2000	69.7	84.2	86.1	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	69.9	84.7	86.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1500	70.8	85.5	88.0	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	71.8	87.7	90.2	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	71.8	87.7	90.2	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	71.8	87.7	90.2	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 800	72.1	89.6	92.2	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	72.2	89.8	92.4	95.1	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	72.2	89.9	92.6	95.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	72.2	89.9	92.7	95.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	72.2	89.9	92.7	95.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	72.2	89.9	92.7	95.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 200	72.2	89.9	92.7	95.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 100	72.2	89.9	92.7	95.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 0	72.2	89.9	92.7	95.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 1055

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34166 6100 GERMANY AIR STATION

47-57

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	27.7	35.6	37.2	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	21.2	42.1	44.3	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 18000	32.0	43.1	45.4	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV 16000	32.7	44.0	46.3	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 14000	32.9	44.2	46.5	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 12000	34.5	46.2	48.4	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 10000	37.1	49.3	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 9000	38.7	51.7	54.1	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 8000	39.9	53.8	56.4	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 7000	41.2	56.0	58.5	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 6000	41.7	56.9	59.5	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 5000	44.2	59.8	62.6	63.6	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 4500	44.8	61.2	64.6	65.8	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 4000	47.1	65.7	69.7	70.9	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 3500	48.1	68.3	72.5	73.8	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 3000	50.2	73.4	78.3	79.8	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 2500	51.3	76.6	82.0	84.0	85.3	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	52.6	80.2	86.5	88.7	90.1	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1800	52.9	80.5	86.9	89.1	90.5	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	53.1	81.3	87.8	90.7	92.2	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1200	53.1	81.6	88.4	91.3	93.0	94.1	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	53.8	82.4	89.3	92.5	94.4	95.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	53.8	82.4	89.3	92.5	94.4	95.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	53.9	82.6	89.6	93.0	95.1	96.2	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	53.9	82.6	89.6	93.2	95.3	96.3	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 990

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

47-87  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	26.1	43.1	46.4	48.7	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4
≥ 20000	26.9	43.8	49.4	51.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5
IV 18000	27.1	46.0	49.6	52.0	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7
IV 16000	27.2	46.1	49.7	52.1	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8
IV 14000	27.3	46.2	49.8	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9
IV 12000	28.8	48.0	51.7	54.0	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7
IV 10000	30.8	50.9	54.6	56.9	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9
IV 9000	31.9	52.3	56.2	58.6	59.2	59.6	59.7	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9
IV 8000	33.3	55.0	59.7	62.1	62.8	63.2	63.3	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
IV 7000	34.4	57.1	61.9	64.4	65.1	65.5	65.6	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.1
IV 6000	35.1	58.7	63.6	66.3	67.0	67.4	67.5	67.5	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.0
IV 5000	36.7	61.9	66.9	69.9	70.6	71.0	71.1	71.2	71.4	71.5	71.6	71.6	71.7	71.7	71.8	71.8
IV 4500	37.2	62.5	67.6	71.0	71.7	72.1	72.2	72.4	72.6	72.7	72.8	72.8	72.9	72.9	73.0	73.0
IV 4000	37.5	64.4	69.6	73.5	74.3	74.7	74.8	75.0	75.2	75.3	75.4	75.4	75.5	75.5	75.6	75.6
IV 3500	38.0	67.3	72.5	76.8	78.0	78.7	78.9	79.1	79.3	79.4	79.5	79.5	79.6	79.6	79.7	79.7
IV 3000	38.7	71.4	77.4	82.2	83.4	84.1	84.2	84.5	84.7	84.8	84.9	84.9	85.0	85.0	85.1	85.1
IV 2500	39.1	73.2	79.7	84.7	86.0	86.9	87.1	87.2	87.3	87.4	87.5	87.5	87.6	87.6	87.7	87.7
IV 2000	39.2	74.3	82.1	87.7	89.1	90.3	90.6	90.9	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.5
IV 1800	39.2	75.0	82.8	88.4	90.0	91.3	91.6	91.9	92.1	92.2	92.3	92.3	92.4	92.4	92.5	92.5
IV 1500	39.5	76.4	84.5	90.4	92.1	93.4	93.8	94.1	94.3	94.4	94.5	94.5	94.6	94.6	94.7	94.7
IV 1200	39.5	76.8	84.9	90.9	92.5	94.6	95.0	95.3	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.0
IV 1000	39.8	77.4	85.4	91.4	93.4	95.3	95.8	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.7	96.7
IV 900	39.8	77.4	85.6	91.5	93.6	95.9	96.3	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.2	97.2
IV 800	40.0	77.7	85.9	92.1	94.1	96.2	96.7	97.0	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.6
IV 700	40.0	77.7	86.0	92.3	94.3	96.5	97.0	97.3	97.5	97.6	97.7	97.7	97.8	97.8	97.9	97.9
IV 600	40.0	77.7	86.0	92.3	94.3	96.5	97.4	97.7	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.5
IV 500	40.0	77.7	86.0	92.4	94.5	96.7	97.7	98.0	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
IV 400	40.0	77.7	86.0	92.4	94.5	96.7	97.8	98.2	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0
IV 300	40.0	77.7	86.0	92.4	94.5	96.7	97.8	98.3	98.9	99.2	99.6	99.6	99.7	99.7	99.8	99.8
IV 200	40.0	77.7	86.0	92.4	94.5	96.7	97.8	98.3	98.9	99.2	99.6	99.6	99.7	99.7	99.8	99.8
IV 100	40.0	77.7	86.0	92.4	94.5	96.7	97.8	98.3	98.9	99.2	99.6	99.6	99.7	99.7	99.8	99.8
IV 0	40.0	77.7	86.0	92.4	94.5	96.7	97.8	98.3	98.9	99.2	99.6	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 9A9

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168 ERDING GERMANY AIR STATION

47-37

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	20.2	39.3	45.3	47.7	49.3	49.3	50.0	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 20000	20.9	41.5	47.3	50.2	51.8	51.8	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 18000	20.9	41.8	47.7	50.5	52.1	52.1	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 16000	20.9	41.8	47.7	50.5	52.1	52.1	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 14000	21.1	42.4	48.4	51.2	52.7	52.7	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8
≥ 12000	22.1	43.6	49.8	52.5	54.1	54.1	54.8	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
≥ 10000	23.9	45.9	52.1	55.1	56.7	56.7	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 9000	23.9	47.7	53.9	57.0	59.0	59.0	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 8000	25.5	51.3	57.4	60.6	62.6	62.6	63.3	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 7000	26.4	53.1	59.4	62.5	64.8	64.8	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 6000	27.1	55.8	62.2	65.5	68.0	68.0	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1
≥ 5000	28.5	59.3	65.9	69.3	72.0	72.0	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 4500	29.0	60.9	67.5	70.9	74.0	74.0	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	29.5	63.9	71.0	75.0	78.4	78.4	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	29.9	66.5	74.3	78.9	82.4	82.4	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3000	30.4	68.2	77.0	81.6	85.5	85.5	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 2500	30.8	70.3	79.5	84.5	89.2	89.2	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 2000	31.1	71.1	81.1	86.7	91.8	92.2	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1800	31.2	71.2	81.3	86.9	92.0	92.4	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 1500	31.5	72.3	82.5	88.2	93.5	93.9	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1200	31.5	72.6	82.9	88.6	94.2	94.6	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1000	31.5	72.7	83.2	88.8	94.5	95.5	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.9
≥ 900	31.5	72.8	83.3	88.9	94.7	95.7	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 800	31.5	73.0	83.6	89.2	95.4	96.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 700	31.5	73.0	83.6	89.2	95.7	96.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 600	31.5	73.1	83.7	89.3	95.8	96.8	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 500	31.5	73.1	83.8	89.6	96.2	97.2	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 400	31.5	73.1	83.8	89.7	96.6	97.6	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.4
≥ 300	31.5	73.1	83.8	89.7	96.6	97.6	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.7
≥ 200	31.5	73.1	83.8	89.7	96.6	97.6	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.8
≥ 100	31.5	73.1	83.8	89.7	96.6	97.6	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.9
≥ 0	31.5	73.1	83.8	89.7	96.6	97.6	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

ERDING GERMANY AIR STATION

47-57

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 1/6	≥ 1/8
NO CEILING	10.8	24.4	29.5	33.2	35.5	36.0	36.6	36.9	37.1	37.6	38.0	38.0	38.3	38.3	38.5
≥ 20000	13.2	28.4	33.8	38.3	40.8	41.6	42.3	42.7	43.0	43.3	43.9	43.9	44.2	44.2	44.4
IV 18000	13.4	28.9	34.3	38.9	41.3	42.2	43.0	43.4	43.7	44.2	44.6	44.6	44.9	44.9	45.1
IV 16000	13.6	29.9	34.3	38.9	41.3	42.2	43.0	43.4	43.7	44.2	44.6	44.6	44.9	44.9	45.1
IV 14000	13.4	29.0	34.4	39.0	41.4	42.3	43.1	43.5	43.8	44.3	44.7	44.7	45.0	45.0	45.2
IV 12000	13.8	29.8	35.2	39.9	42.2	43.2	44.0	44.4	44.7	45.2	45.6	45.6	45.8	45.8	46.0
IV 10000	14.7	31.8	37.4	42.6	45.2	46.1	47.0	47.4	47.7	48.3	48.7	48.7	49.0	49.0	49.1
IV 9000	16.6	34.0	40.2	45.7	48.3	49.3	50.1	50.5	50.8	51.4	51.8	51.8	52.1	52.1	52.2
IV 8000	18.4	37.5	44.3	50.0	53.0	54.1	55.0	55.4	55.7	56.4	56.8	57.0	57.3	57.3	57.5
IV 7000	19.4	39.8	46.9	52.7	55.9	57.0	58.0	58.4	58.7	59.3	59.8	60.0	60.3	60.3	60.5
IV 6000	20.7	42.4	49.9	55.7	59.0	60.1	61.1	61.5	61.8	62.5	63.0	63.1	63.4	63.4	63.6
IV 5000	22.9	46.3	54.2	60.4	64.2	65.3	66.5	67.0	67.3	67.9	68.4	68.6	68.9	68.9	69.1
IV 4500	23.5	47.5	55.4	61.8	65.7	66.8	67.9	68.4	68.7	69.4	69.9	70.1	70.4	70.4	70.6
IV 4000	24.6	50.5	58.7	65.7	69.6	70.8	72.0	72.5	72.8	73.5	74.0	74.2	74.5	74.5	74.7
IV 3500	25.0	52.3	60.4	67.6	71.7	73.0	74.4	74.9	75.2	75.9	76.3	76.5	76.8	76.8	77.0
IV 3000	27.0	57.1	66.0	74.0	78.7	80.1	81.6	82.3	82.5	83.6	84.1	84.3	84.6	84.6	84.8
IV 2500	27.6	58.6	67.5	75.8	80.5	81.9	83.5	84.2	84.7	85.4	85.9	86.1	86.4	86.4	86.6
IV 2000	27.9	59.4	68.7	77.6	82.6	84.1	85.6	86.5	87.0	87.5	88.3	88.5	88.8	88.8	89.0
IV 1800	28.2	60.5	70.0	79.5	84.9	86.5	88.3	89.2	89.7	90.5	91.2	91.4	91.7	91.7	91.9
IV 1500	28.2	60.8	70.4	80.0	85.4	87.0	89.0	89.9	90.4	91.2	91.9	92.1	92.4	92.4	92.6
IV 1200	28.3	61.2	71.1	80.8	86.7	88.4	90.5	91.5	92.1	92.9	93.5	93.7	94.1	94.1	94.4
IV 1000	28.3	61.4	71.3	81.0	87.1	88.8	90.9	91.9	92.5	93.3	93.9	94.1	94.5	94.5	94.8
IV 900	28.3	61.7	71.7	81.4	87.5	89.6	91.8	92.9	93.5	94.2	94.9	95.1	95.5	95.5	95.8
IV 800	28.4	61.9	71.9	81.8	88.4	90.1	92.4	93.5	94.1	94.9	95.6	95.8	96.2	96.2	96.5
IV 700	28.4	62.0	72.0	82.0	88.7	90.4	92.9	94.0	94.6	95.3	96.0	96.3	96.9	96.9	97.0
IV 600	28.5	62.1	72.1	82.1	88.8	90.5	93.0	94.5	95.1	95.8	96.6	97.1	97.6	97.6	97.7
IV 500	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2
IV 400	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2
IV 300	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2
IV 200	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2
IV 100	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2
IV 0	28.5	62.2	72.2	82.2	89.1	90.8	93.4	95.0	95.6	96.3	97.1	97.6	97.9	97.9	98.2

TOTAL NUMBER OF OBSERVATIONS 1023



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34163

ERDING GERMANY AIR STATION

46-57

WAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS U.S.T.

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	11.5	23.1	27.7	30.8	32.9	33.7	34.1	34.4	34.6	34.8	34.9	35.0	35.0	35.0	35.0	35.2
≥ 20000	15.1	28.0	33.7	37.9	40.2	41.1	41.6	41.8	42.0	42.2	42.4	42.5	42.5	42.5	42.5	42.7
IV 8000	15.8	29.5	35.4	39.7	42.0	43.0	43.5	43.7	43.9	44.1	44.3	44.4	44.4	44.4	44.4	44.5
IV 10000	15.8	29.6	35.5	39.8	42.2	43.2	43.8	43.9	44.1	44.3	44.4	44.5	44.5	44.5	44.5	44.7
IV 14000	16.1	30.1	36.0	40.3	42.7	43.7	44.2	44.4	44.6	44.8	45.0	45.1	45.1	45.1	45.1	45.3
IV 12000	16.8	31.3	37.7	42.0	44.4	45.4	45.9	46.1	46.3	46.5	46.7	46.8	46.8	46.8	46.8	47.0
IV 10000	18.5	33.9	40.7	45.2	47.8	48.9	49.4	49.6	49.8	50.0	50.2	50.3	50.3	50.3	50.3	50.4
IV 9000	19.5	35.5	42.5	47.3	50.1	51.2	51.7	52.1	52.2	52.5	52.6	52.9	52.9	52.9	52.9	53.0
IV 8000	20.9	39.2	47.1	52.2	55.1	56.3	56.7	57.1	57.3	57.5	57.9	58.0	58.0	58.0	58.0	58.2
IV 7000	21.8	41.7	49.8	55.1	58.2	59.4	59.9	60.2	60.4	60.7	61.0	61.1	61.1	61.1	61.1	61.4
IV 6000	22.5	43.5	52.1	57.6	60.8	62.0	62.5	62.9	63.1	63.4	63.7	63.8	63.8	63.8	63.8	64.1
IV 5000	24.5	47.0	55.6	61.3	64.5	65.9	66.4	66.8	66.9	67.2	67.6	67.7	67.7	67.7	67.7	67.9
IV 4500	25.2	48.4	56.9	62.8	66.0	67.4	67.9	68.3	68.5	68.7	69.1	69.2	69.2	69.2	69.2	69.4
IV 4000	26.0	50.6	59.5	65.8	69.3	70.8	71.3	71.7	71.9	72.1	72.5	72.6	72.6	72.6	72.6	72.8
IV 3500	26.6	52.0	60.7	67.5	71.3	72.8	73.3	73.7	74.1	74.4	74.7	74.8	74.8	74.8	74.8	75.1
IV 3000	28.0	55.2	64.8	71.7	75.8	77.3	78.0	78.4	78.6	78.9	79.3	79.4	79.4	79.4	79.4	79.7
IV 2500	29.1	57.3	67.3	74.7	78.9	80.5	81.4	81.9	82.1	82.4	82.8	82.9	82.9	82.9	82.9	83.2
IV 2000	29.3	59.5	69.5	77.5	81.8	83.3	84.4	84.9	85.1	85.5	85.8	85.9	85.9	85.9	85.9	86.2
IV 1800	29.9	59.7	69.7	77.7	82.1	83.6	84.7	85.2	85.4	85.8	86.1	86.2	86.2	86.2	86.2	86.5
IV 1500	30.1	60.5	70.9	79.4	84.0	85.5	86.6	87.1	87.3	87.6	88.0	88.1	88.1	88.1	88.1	88.4
IV 1200	30.4	60.9	71.7	80.4	84.9	86.3	87.6	88.2	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.5
IV 1000	30.8	62.3	73.3	82.1	87.4	88.9	90.0	91.0	91.3	91.8	92.1	92.2	92.2	92.2	92.2	92.5
IV 900	30.8	62.5	73.7	82.4	87.9	89.4	91.1	91.7	91.9	92.3	92.8	92.9	92.9	92.9	92.9	93.2
IV 800	30.9	63.0	74.2	83.2	88.7	90.3	92.2	92.8	93.1	93.8	94.3	94.4	94.4	94.4	94.4	94.7
IV 700	30.9	63.4	74.6	83.7	89.3	90.9	92.9	93.5	93.8	94.5	95.1	95.3	95.3	95.3	95.3	95.5
IV 600	31.3	63.8	75.3	84.5	90.3	91.9	94.1	94.8	95.1	95.9	96.6	96.8	96.8	96.8	96.8	97.0
IV 500	31.3	63.9	75.4	84.6	90.6	92.3	94.7	95.6	96.0	97.0	97.8	97.9	97.9	97.9	97.9	98.2
IV 400	31.3	63.9	75.4	84.6	90.6	92.3	94.8	95.9	96.3	97.4	98.2	98.4	98.4	98.4	98.4	98.7
IV 300	31.3	63.9	75.4	84.6	90.6	92.3	94.8	95.9	96.3	97.5	98.5	98.7	98.7	98.7	98.7	99.1
IV 200	31.3	63.9	75.4	84.6	90.6	92.3	94.8	95.9	96.3	97.5	98.5	98.7	98.7	98.7	98.7	99.5
IV 100	31.3	63.9	75.4	84.6	90.6	92.3	94.8	95.9	96.3	97.5	98.5	98.7	98.7	98.7	98.7	99.8
IV 0	31.3	63.9	75.4	84.6	90.6	92.3	94.8	95.9	96.3	97.5	98.5	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 34168

STATION NAME ERDING GERMANY AIR STATION

46-57

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH 0900-1100  
HOURS LT ST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	19.7	28.7	30.0	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 20000	24.3	34.5	35.1	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
IV 18000	25.3	35.9	37.0	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 16000	25.4	26.4	28.1	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IV 14000	26.0	37.4	39.1	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 12000	26.7	38.9	40.7	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 10000	28.4	41.3	43.0	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 9000	29.0	43.0	45.0	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 8000	31.8	46.2	48.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 7000	33.0	47.9	50.4	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 6000	33.5	49.3	52.1	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 5000	34.7	51.2	53.8	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 4500	35.6	52.4	55.0	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 4000	36.9	55.2	57.8	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 3500	38.4	57.8	60.5	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 3000	44.5	65.7	67.0	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 2500	46.3	72.0	73.6	78.0	78.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 2000	51.7	77.1	81.3	84.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	51.7	77.4	81.5	84.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1500	53.0	79.8	84.4	87.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	53.7	81.1	85.8	89.1	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000	54.4	82.9	88.0	91.5	93.7	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	54.4	82.9	88.1	91.6	94.3	94.3	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 800	54.4	83.0	88.4	92.6	95.2	95.6	96.1	96.1	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6
IV 700	54.4	83.2	89.0	93.6	96.1	96.6	97.2	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	54.5	83.5	89.3	93.7	96.7	97.2	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	54.5	83.5	89.4	94.0	97.0	97.3	98.4	98.7	98.7	99.2	99.3	99.6	99.6	99.6	99.6	99.6
IV 400	54.5	83.5	89.4	96.0	97.0	97.3	98.4	98.7	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	54.5	83.5	89.4	96.0	97.0	97.3	98.4	98.7	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	54.5	83.5	89.4	96.0	97.0	97.3	98.4	98.7	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	54.5	83.5	89.4	96.0	97.0	97.3	98.4	98.7	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	54.5	83.5	89.4	96.0	97.0	97.3	98.4	98.7	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1115

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-37

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	24.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 20000	31.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
IV 18000	33.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 16000	24.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 14000	35.1	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 12000	36.0	41.9	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 10000	38.5	45.0	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 9000	39.9	46.5	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 8000	42.0	50.4	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 7000	44.8	53.2	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 6000	45.4	54.6	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 5000	46.8	56.4	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 4500	47.5	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 4000	49.0	60.9	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 3500	52.7	64.4	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 3000	61.2	73.0	73.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 2500	67.9	83.9	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2000	70.3	87.7	89.2	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	70.4	88.0	89.5	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1600	70.8	88.9	90.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1400	71.1	89.9	92.3	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	71.7	91.2	93.6	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	71.7	91.3	93.8	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	71.9	91.6	94.2	96.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	71.9	92.0	94.7	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	72.0	92.1	94.9	97.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	72.1	92.3	95.1	97.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .2	≥ .16	≥ .1
NO CEILING	30.9	33.7	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	41.7	45.2	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000	43.1	46.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 16000	43.5	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	44.1	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 12000	45.2	49.0	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 10000	48.4	52.4	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 9000	49.4	54.1	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 8000	54.9	60.8	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 7000	56.7	62.8	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 6000	57.2	64.0	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 5000	58.3	65.5	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 4500	59.3	67.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 4000	61.7	70.2	71.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 3500	63.8	73.6	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 3000	69.2	80.2	81.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	72.2	85.0	86.8	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	74.4	88.8	91.0	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	74.5	89.0	91.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	75.0	90.2	92.3	94.9	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	75.2	90.8	93.4	95.9	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	75.3	91.4	94.4	97.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	75.3	91.5	94.5	97.5	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	75.3	91.7	94.9	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	75.3	91.8	95.1	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	75.3	91.8	95.1	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	75.4	91.9	95.3	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	75.4	91.9	95.4	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	75.4	91.9	95.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	75.4	91.9	95.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	75.4	91.9	95.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	75.4	91.9	95.5	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1083

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

47-37

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2300  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
Nº CEILING ≥ 20000	29.0	35.0	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 18000	37.2	44.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 16000	38.1	46.0	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 14000	38.6	46.9	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	39.6	47.9	49.0	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 10000	40.5	49.2	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 9000	42.5	52.0	53.2	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000	44.1	54.0	55.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 7000	47.3	58.7	60.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 6000	49.3	61.7	63.3	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 5000	50.2	63.1	64.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 4500	51.8	66.3	68.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 4000	53.5	68.3	70.3	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 3500	55.3	71.7	73.8	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3000	56.5	73.4	75.6	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 2500	59.2	78.8	81.3	84.4	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	60.2	80.9	83.7	87.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	61.4	83.4	86.5	91.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1600	61.5	83.6	86.7	91.2	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	61.6	84.1	87.6	92.7	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	61.9	84.8	88.4	93.5	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000	61.9	85.2	88.9	93.9	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	61.9	85.3	89.1	94.1	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	62.0	85.6	89.4	94.6	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	62.0	85.9	89.9	95.1	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	62.0	86.1	90.2	95.4	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	62.0	86.3	90.3	95.7	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	62.0	86.3	90.5	95.7	98.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	62.0	86.3	90.5	95.7	98.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	62.0	86.3	90.5	95.7	98.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	62.0	86.3	90.5	95.7	98.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	62.0	86.3	90.5	95.7	98.3	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 EBBING GERMANY AIR STATION

47-57

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ 0
NO CEILING	26.4	44.2	45.7	47.3	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	28.9	48.0	49.8	51.7	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	29.1	48.6	50.4	52.3	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	29.2	48.8	50.6	52.4	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	29.3	49.2	51.1	52.9	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	29.4	50.1	52.0	53.8	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	31.3	53.0	55.1	57.2	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	32.6	54.9	57.0	59.2	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	34.3	59.1	61.4	63.9	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	35.8	61.5	64.0	66.8	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	37.1	64.3	66.9	69.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	39.1	67.7	70.3	73.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	39.5	69.7	72.9	76.4	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	40.1	71.6	75.0	78.7	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	40.7	73.3	76.9	81.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	41.4	75.5	80.6	85.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	42.2	79.2	83.8	88.4	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	42.4	80.8	85.8	90.6	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	42.7	81.2	86.4	91.4	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	42.7	81.5	86.6	91.9	95.3	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	42.8	82.1	87.4	92.8	96.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	42.9	82.2	87.5	92.9	96.3	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	42.9	82.3	87.7	93.1	96.5	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	42.9	82.3	88.0	93.4	97.3	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	42.9	82.4	88.2	93.9	97.7	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	43.0	82.5	88.3	94.0	98.0	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	43.0	82.5	88.3	94.1	98.1	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	43.0	82.5	88.3	94.1	98.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	43.0	82.5	88.3	94.1	98.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	43.0	82.5	88.3	94.1	98.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	43.0	82.5	88.3	94.1	98.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	43.0	82.5	88.3	94.1	98.1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24168  
STATION

BERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0200  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	19.8	37.2	39.8	42.7	43.1	43.2	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.2
≥ 20000	20.6	38.8	41.2	44.2	44.7	44.8	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.8
IV 18000	20.6	39.2	42.0	44.9	45.3	45.4	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4
IV 16000	20.6	39.2	42.0	44.9	45.3	45.4	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4
IV 14000	20.6	39.5	42.3	45.3	45.7	45.8	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.8
IV 12000	21.0	40.3	43.1	46.2	46.6	46.7	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.7
IV 10000	22.4	43.2	46.3	49.5	49.9	50.1	50.6	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1
IV 9000	23.2	45.3	48.7	52.1	52.5	52.6	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.7
IV 8000	26.1	53.4	57.3	60.8	61.3	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.5
IV 7000	26.9	56.4	60.8	64.4	65.0	65.3	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.5
IV 6000	27.2	58.3	63.3	66.9	67.5	67.9	68.6	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1
IV 5000	28.6	61.5	66.8	71.0	71.8	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4
IV 4500	29.0	62.6	68.5	72.9	73.7	74.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3
IV 4000	29.8	65.8	72.2	77.1	78.1	78.5	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.7
IV 3500	20.1	67.9	74.8	79.8	81.0	81.4	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.6
IV 3000	30.9	70.6	77.7	83.0	84.6	85.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.4
IV 2500	31.4	71.8	79.3	85.2	87.0	87.5	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0
IV 2000	31.7	73.3	81.3	87.3	89.4	90.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5
IV 1800	31.7	74.4	81.6	87.9	90.1	90.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.2
IV 1500	31.7	74.9	82.6	89.4	91.9	92.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0
IV 1200	31.7	74.9	83.7	90.8	93.6	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.8
IV 1000	31.7	74.9	83.7	91.3	94.3	94.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.6
IV 900	31.7	74.9	83.8	91.5	94.5	95.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9
IV 800	31.7	75.0	84.1	91.9	95.5	96.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8
IV 700	31.7	75.2	84.5	92.4	96.1	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3
IV 600	31.7	75.2	84.5	92.5	96.2	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4
IV 500	31.7	75.2	84.5	92.7	96.4	97.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0
IV 400	31.7	75.2	84.5	92.7	96.7	97.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3
IV 300	31.7	75.2	84.5	92.7	96.7	97.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3
IV 200	31.7	75.2	84.5	92.7	96.7	97.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
IV 100	31.7	75.2	84.5	92.7	96.7	97.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
IV 0	31.7	75.2	84.5	92.7	96.7	97.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 999

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-57

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	11.2	25.6	28.8	32.1	33.5	34.1	35.2	35.5	35.9	35.9	36.0	36.1	36.2	36.3	36.4	
≥ 20000	12.7	27.9	31.2	34.9	36.3	36.9	38.2	38.5	38.9	39.0	39.1	39.2	39.3	39.4	39.5	
≥ 18000	12.9	28.3	31.5	35.3	36.7	37.3	38.6	38.9	39.2	39.3	39.4	39.5	39.6	39.7	39.8	
≥ 16000	12.9	28.5	31.7	35.5	36.9	37.5	38.8	39.1	39.4	39.5	39.6	39.7	39.8	39.9	40.0	
≥ 14000	12.9	28.5	31.7	35.5	36.9	37.5	38.8	39.1	39.4	39.5	39.6	39.7	39.8	39.9	40.0	
≥ 12000	13.0	28.8	32.0	35.9	37.3	38.0	39.3	39.6	39.9	40.0	40.1	40.2	40.3	40.4	40.5	
≥ 10000	13.4	30.7	34.4	38.5	40.3	41.0	42.3	42.6	43.0	43.1	43.2	43.3	43.4	43.5	43.6	
≥ 9000	14.0	32.9	36.8	41.3	43.7	44.3	45.6	45.9	46.3	46.4	46.5	46.6	46.7	46.8	46.9	
≥ 8000	16.9	39.4	43.9	49.2	52.2	52.9	54.6	54.9	56.9	57.4	57.7	58.0	58.1	58.2	58.3	
≥ 7000	17.5	41.7	46.8	52.3	55.4	56.1	57.9	58.2	60.2	60.7	61.0	61.3	61.6	61.9	62.2	
≥ 6000	17.8	43.0	48.5	54.6	57.7	58.4	60.3	60.6	62.6	63.1	63.4	63.7	64.0	64.3	64.6	
≥ 5000	20.2	47.5	53.7	59.8	63.2	63.9	65.8	66.1	68.1	68.6	68.9	69.2	69.5	69.8	70.1	
≥ 4500	20.4	48.5	55.0	61.1	64.6	65.3	67.3	67.6	69.6	70.1	70.4	70.7	71.0	71.3	71.6	
≥ 4000	21.6	51.3	58.5	65.3	68.9	69.8	71.9	72.5	74.5	75.0	75.3	75.6	75.9	76.2	76.5	
≥ 3500	22.4	53.2	60.7	67.9	72.0	73.0	75.1	75.7	77.7	78.2	78.5	78.8	79.1	79.4	79.7	
≥ 3000	23.6	57.5	65.5	73.1	78.0	79.1	81.2	81.7	83.7	84.2	84.5	84.8	85.1	85.4	85.7	
≥ 2500	24.6	60.5	68.8	76.8	81.9	83.1	85.4	86.0	88.0	88.5	88.8	89.1	89.4	89.7	90.0	
≥ 2000	25.3	61.8	70.7	79.1	84.6	85.8	88.4	89.1	91.1	91.6	91.9	92.2	92.5	92.8	93.1	
≥ 1800	25.3	61.9	70.8	79.2	84.7	85.9	88.5	89.2	91.2	91.7	92.0	92.3	92.6	92.9	93.2	
≥ 1500	25.4	62.8	72.2	81.3	87.2	88.4	91.0	91.7	93.7	94.2	94.5	94.8	95.1	95.4	95.7	
≥ 1200	25.4	63.1	72.7	81.8	88.1	89.3	91.9	92.6	94.6	95.1	95.4	95.7	96.0	96.3	96.6	
≥ 1000	25.5	63.5	73.4	82.2	89.5	90.8	93.4	94.1	96.1	96.6	96.9	97.2	97.5	97.8	98.1	
≥ 900	25.5	63.6	73.5	82.3	89.6	90.9	93.5	94.2	96.2	96.7	97.0	97.3	97.6	97.9	98.2	
≥ 800	25.5	63.7	73.6	82.6	90.1	91.4	94.0	94.7	96.7	97.2	97.5	97.8	98.1	98.4	98.7	
≥ 700	25.5	63.7	73.7	82.7	90.4	91.7	94.3	95.0	97.0	97.5	97.8	98.1	98.4	98.7	99.0	
≥ 600	25.5	63.8	73.9	82.8	91.0	92.3	94.6	95.3	97.3	97.8	98.1	98.4	98.7	99.0	99.3	
≥ 500	25.5	63.8	74.0	82.9	91.1	92.4	94.7	95.4	97.4	97.9	98.2	98.5	98.8	99.1	99.4	
≥ 400	25.5	63.8	74.0	83.0	91.2	92.5	94.8	95.5	97.5	98.0	98.3	98.6	98.9	99.2	99.5	
≥ 300	25.5	63.9	74.1	83.1	91.3	92.6	94.9	95.6	97.6	98.1	98.4	98.7	99.0	99.3	99.6	
≥ 200	25.5	63.9	74.1	83.2	91.4	92.7	95.0	95.7	97.7	98.2	98.5	98.8	99.1	99.4	99.7	
≥ 100	25.5	63.9	74.1	83.3	91.5	92.8	95.1	95.8	97.8	98.3	98.6	98.9	99.2	99.5	99.8	
≥ 0	25.5	63.9	74.1	83.3	91.5	92.8	95.1	95.8	97.8	98.3	98.6	98.9	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1008



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	12.9	27.0	30.2	33.5	34.7	34.7	35.1	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.5
≥ 20000	12.8	29.5	33.4	26.8	38.1	39.2	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.9
IV 18000	18.9	29.8	33.7	37.1	38.4	38.5	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.2
IV 16000	13.9	30.0	33.9	37.3	38.6	38.6	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.4
IV 14000	13.9	30.0	33.9	37.4	38.6	38.7	39.1	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.5
IV 12000	14.2	30.4	34.3	38.1	39.3	39.4	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.2
IV 10000	15.4	32.9	37.2	40.5	42.6	42.7	43.3	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.9
IV 9000	16.2	34.6	35.3	43.3	43.4	43.5	46.1	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.7
IV 8000	19.9	40.8	46.8	51.9	54.2	54.3	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5
IV 7000	21.4	43.3	50.1	55.2	57.7	57.8	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9
IV 6000	22.1	44.7	52.0	57.2	59.8	59.9	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2
IV 5000	23.2	47.5	54.8	60.3	63.1	63.2	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
IV 4500	23.8	48.4	55.7	61.2	64.2	64.3	65.0	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7
IV 4000	25.4	51.5	59.2	64.8	67.9	68.1	69.0	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.8
IV 3500	26.0	53.4	61.4	67.7	71.1	71.3	72.2	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.9
IV 3000	27.7	56.4	64.8	71.8	75.7	75.9	76.8	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.6
IV 2500	29.3	57.9	68.6	76.0	80.1	80.4	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.1
IV 2000	31.4	62.2	72.6	80.2	84.3	84.8	85.9	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.8
IV 1500	31.4	63.3	72.9	80.7	84.7	85.2	86.4	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 1200	32.2	65.4	75.3	83.3	87.6	88.1	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3
IV 1000	32.4	66.3	76.2	84.4	89.0	89.5	90.7	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.7
IV 900	32.8	67.7	76.4	86.8	91.8	92.3	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	95.2
IV 800	32.9	67.8	76.5	87.1	92.1	92.6	94.3	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.6
IV 700	33.0	68.4	79.3	88.6	93.9	94.7	96.9	97.5	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.6
IV 600	33.0	68.4	79.3	88.6	94.2	95.0	97.2	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IV 500	33.0	68.4	79.3	88.7	94.4	95.2	97.4	98.4	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.2
IV 400	33.0	68.6	79.8	88.9	94.6	95.5	97.7	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.7
IV 300	33.0	68.6	79.8	88.9	94.6	95.5	97.7	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.9
IV 200	33.0	68.6	79.8	88.9	94.6	95.5	97.7	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	100.0
IV 100	33.0	68.6	79.8	88.9	94.6	95.5	97.7	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	100.0
IV 0	33.0	68.6	79.8	88.9	94.6	95.5	97.7	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1035

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5/8	≥ .5	≥ .5/16	≥ .5	≥ .5
NO CEILING	21.5	29.8	30.5	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000	35.0	34.7	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 18000	25.2	34.9	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 16000	25.4	35.2	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
IV 14000	25.8	35.5	36.6	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 12000	26.6	36.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 10000	27.9	39.1	41.0	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 9000	28.5	41.2	42.7	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 8000	30.9	44.7	46.8	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 7000	31.9	46.2	48.5	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 6000	33.4	47.9	50.3	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 5000	34.4	49.5	52.1	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 4500	35.5	51.3	53.8	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 4000	37.3	54.4	56.9	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 3500	39.0	56.8	59.7	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 3000	43.4	65.1	68.3	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2500	48.6	70.7	74.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 2000	52.3	76.2	80.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 1800	52.7	76.9	81.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1500	54.9	82.9	87.6	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200	55.6	84.8	89.7	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	56.4	87.1	92.8	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	56.8	87.3	93.1	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	56.6	87.7	93.8	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	56.7	88.1	94.6	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	56.8	88.2	94.6	97.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	56.9	88.5	95.2	97.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	56.9	88.6	95.2	97.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	56.9	88.6	95.2	97.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	56.9	88.6	95.2	97.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	56.9	88.6	95.2	97.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV C	56.9	88.6	95.2	97.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 1034

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING ≥ 20000	25,5	28,3	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4	28,4
IV 18000	33,2	36,8	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9
IV 16000	33,2	36,8	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9	36,9
IV 14000	33,9	37,7	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8	37,8
IV 12000	35,3	39,1	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2	39,2
IV 10000	37,9	43,2	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3	43,3
IV 9000	38,7	44,2	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9	44,9
IV 8000	41,7	46,4	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6	49,6
IV 7000	42,9	49,9	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0	51,0
IV 6000	44,9	52,2	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3	53,3
IV 5000	47,0	54,6	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7	55,7
≥ 4500	48,1	56,2	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4	57,4
≥ 4000	51,0	60,2	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7	61,7
IV 3500	53,5	63,4	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8	64,8
IV 3000	61,8	73,6	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5	75,5
IV 2500	66,7	80,8	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2
IV 2000	70,0	84,4	88,8	89,5	89,6	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7
IV 1800	70,2	87,0	89,5	90,1	90,2	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3	90,3
IV 1500	71,5	90,0	93,1	94,2	94,4	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8
IV 1200	72,0	90,9	94,3	95,7	96,0	96,1	96,1	96,1	96,1	96,1	96,1	96,1	96,1	96,1	96,1	96,1
IV 1000	72,5	91,9	95,3	96,9	97,6	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7	97,7
IV 900	72,5	92,0	95,6	97,0	97,7	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8	97,8
IV 800	72,5	92,3	95,9	97,4	98,2	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
IV 700	72,5	92,3	95,9	97,4	98,2	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3	98,3
IV 600	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 500	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 400	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 300	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 200	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 100	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5
IV 0	72,5	92,4	96,2	98,3	99,3	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5

TOTAL NUMBER OF OBSERVATIONS 1035

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.7	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
IV 20000	38.8	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 18000	39.8	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 16000	39.8	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 14000	40.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 12000	41.4	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 10000	44.8	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 9000	46.2	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 8000	51.9	56.8	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 7000	53.8	59.7	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 6000	55.4	61.9	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 5000	57.9	64.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 4500	58.9	66.4	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 4000	61.4	70.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3500	63.9	73.3	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 3000	70.1	81.6	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2500	73.0	86.0	87.4	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2000	74.9	88.8	90.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	75.0	89.1	90.6	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	76.3	91.5	93.3	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1200	76.7	92.2	94.4	96.3	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	76.8	92.3	94.6	96.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	76.8	92.3	94.6	96.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	76.9	92.6	95.2	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	76.9	92.6	95.4	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3416A  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	27.9	32.3	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	33.9	39.4	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 18000	34.8	40.5	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 16000	34.9	40.7	41.7	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 14000	35.0	41.8	42.8	42.9	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 12000	36.2	42.8	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 10000	39.2	45.9	47.0	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 9000	41.6	49.5	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 8000	46.0	55.8	57.4	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 7000	47.5	58.5	60.1	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 6000	48.8	60.3	62.2	62.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 5000	50.5	63.2	65.4	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4500	51.3	65.0	67.4	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 4000	55.7	70.4	73.0	74.0	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 3500	58.8	74.9	77.9	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000	61.5	79.8	83.4	84.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	63.0	82.9	86.5	88.2	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2000	64.2	85.6	89.3	91.0	92.8	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	64.2	85.8	89.8	91.3	93.1	93.1	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	64.8	87.2	91.4	93.3	95.8	95.8	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	65.0	87.5	91.7	93.3	96.9	96.9	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	65.1	87.9	92.3	94.9	97.7	97.7	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	65.1	88.0	92.6	95.2	98.0	98.1	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	65.1	88.1	92.6	95.4	98.2	98.3	98.9	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	65.1	88.1	92.7	95.5	98.3	98.6	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	65.1	88.2	92.8	95.7	98.7	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1005

1 DATA PROCESSING DIVISION  
1 USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	> ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	25.9	40.3	42.3	43.7	44.2	44.2	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6
≥ 20000	26.8	42.2	44.2	45.6	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5
IV 18000	27.0	43.0	45.0	46.4	46.9	46.9	47.1	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3
IV 16000	27.0	43.1	45.1	46.5	47.0	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.4	47.4	47.4	47.4
IV 14000	27.0	43.2	45.2	46.6	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5
IV 12000	27.8	44.8	46.8	48.2	49.0	49.0	49.2	49.2	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4
IV 10000	29.6	47.4	49.4	51.2	51.8	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3
IV 9000	31.6	50.0	52.2	53.9	54.6	54.6	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1
IV 8000	33.8	56.3	59.6	61.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1
IV 7000	35.0	59.5	63.1	65.2	66.5	66.5	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1
IV 6000	35.8	61.3	65.8	68.0	69.3	69.3	69.8	69.8	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.2
IV 5000	37.7	64.8	69.6	72.1	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.4	74.4
IV 4500	38.4	66.7	71.8	74.3	76.0	76.0	76.3	76.3	76.3	76.5	76.5	76.5	76.7	76.7	76.7	76.7
IV 4000	40.3	69.8	73.4	76.2	80.2	80.2	80.5	80.5	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9
IV 3500	40.8	71.2	74.1	80.3	82.4	82.4	82.7	82.7	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1
IV 3000	41.8	73.6	80.7	84.5	86.7	86.7	87.0	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4
IV 2500	42.3	75.6	83.0	86.9	89.2	89.2	89.3	89.3	89.3	89.7	89.7	89.7	89.9	89.9	89.9	89.9
IV 2000	42.6	77.4	85.6	90.0	92.4	92.4	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 1800	42.6	77.6	85.9	90.4	92.9	92.9	93.2	93.2	93.2	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 1600	43.1	78.7	87.4	92.1	95.0	95.0	95.7	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 1400	43.2	79.0	88.0	92.7	95.7	95.7	96.4	96.4	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 1200	43.2	79.2	88.3	93.0	96.6	96.6	97.4	97.4	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0
IV 1000	43.2	79.2	88.3	93.0	96.6	96.6	97.4	97.4	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0
IV 900	43.2	79.2	88.3	93.0	96.7	96.7	97.5	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.1	98.1
IV 800	43.2	79.3	88.6	93.3	97.1	97.1	97.8	97.8	97.8	98.4	98.4	98.4	98.9	98.9	98.9	98.9
IV 700	43.2	79.3	88.6	93.3	97.1	97.1	97.8	97.8	97.8	98.4	98.4	98.4	98.9	98.9	98.9	98.9
IV 600	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 500	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 400	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 300	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 200	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 100	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	99.4
IV 0	43.2	79.3	88.7	93.7	97.5	97.5	98.0	98.0	98.0	98.9	98.9	98.9	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

ERDING GERMANY AIR STATION

46-54, 56-57

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	45.0	49.2	50.4	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.7
≥ 20000	21.2	46.5	51.0	52.2	52.7	52.7	52.9	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.5
IV 18000	21.7	47.2	51.9	53.2	53.7	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4
IV 16000	21.7	47.2	51.9	53.2	53.7	53.7	53.9	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4
IV 14000	21.8	47.3	52.0	53.3	53.8	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.5
IV 12000	22.2	48.3	53.4	54.7	55.3	55.3	55.5	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.1
IV 10000	23.3	51.2	56.6	58.0	58.6	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.3
IV 9000	24.3	53.6	59.2	60.7	61.4	61.4	61.6	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
IV 8000	26.3	57.8	63.7	65.6	66.3	66.3	66.5	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.1
IV 7000	27.3	60.9	67.2	69.6	70.4	70.4	70.6	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.2
IV 6000	27.9	63.0	69.6	72.0	73.0	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.8
IV 5000	28.5	65.8	72.7	75.3	76.2	76.2	76.5	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.1
IV 4500	29.4	68.5	75.5	78.1	79.2	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.1
IV 4000	30.1	71.3	78.3	81.1	82.5	82.5	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.6
IV 3500	30.9	73.3	80.6	83.7	85.2	85.2	85.7	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.4
IV 3000	30.9	73.3	80.6	83.7	85.2	85.2	85.7	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.4
IV 2500	31.7	77.1	85.9	89.1	90.6	90.6	91.1	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.8
IV 2000	32.1	78.0	86.9	90.2	91.9	91.9	92.4	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	93.1
IV 1800	32.3	78.2	87.1	90.4	92.1	92.1	92.6	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.3
IV 1500	32.3	78.4	87.4	90.8	92.5	92.5	93.0	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.7
IV 1200	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 1000	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 900	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 800	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 700	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 600	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 500	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 400	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 300	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 200	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 100	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 0	32.3	78.6	87.6	91.2	93.0	93.0	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0800-0900  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	10.0	29.7	35.2	38.6	40.8	41.0	41.8	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.7
≥ 20000	10.9	31.3	37.0	41.0	42.1	42.3	42.2	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	45.1
IV 18000	11.0	31.7	37.4	41.3	42.6	42.8	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.7
IV 16000	11.0	31.7	37.4	41.3	42.6	42.8	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.9
IV 14000	11.0	31.7	37.4	41.3	42.6	42.8	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	46.0
IV 12000	11.0	32.1	38.0	42.0	44.3	44.6	46.7	46.1	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.7
IV 10000	12.3	34.8	41.1	45.4	47.9	48.2	49.4	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.4
IV 9000	12.7	37.1	43.6	47.9	50.5	50.8	51.1	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.2
IV 8000	15.1	39.6	47.1	52.0	54.8	55.1	56.6	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.7
IV 7000	15.9	42.6	50.7	55.7	58.6	58.8	60.4	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.5
IV 6000	16.8	45.2	53.7	58.7	61.7	62.0	63.5	64.0	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.6
IV 5000	19.0	51.6	60.4	65.5	68.6	68.9	70.5	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.6
IV 4500	19.4	53.4	62.2	67.3	70.6	70.9	72.4	72.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.5
IV 4000	21.1	57.9	67.1	72.3	75.6	76.1	77.8	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.9
IV 3500	22.3	60.3	69.8	75.1	78.6	78.9	80.5	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.6
IV 3000	23.9	63.7	73.9	79.7	83.3	83.6	85.2	85.6	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.5
IV 2500	24.7	66.1	76.3	82.3	86.4	86.7	88.1	88.6	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.4
IV 2000	25.0	67.4	77.9	84.2	88.3	88.6	90.4	90.8	90.8	91.7	91.8	91.8	91.8	91.8	91.8	92.0
IV 1800	25.0	67.4	77.9	84.2	88.3	88.6	90.4	90.8	90.8	91.7	91.8	91.8	91.8	91.8	91.8	92.1
IV 1500	25.2	68.1	79.1	85.6	89.9	90.4	92.2	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.7
IV 1200	25.2	68.1	79.1	85.6	90.0	90.3	92.3	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.8
IV 1000	25.2	68.2	79.2	86.0	90.7	91.2	92.3	92.8	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.9
IV 900	25.2	68.2	79.2	86.3	91.1	91.7	92.8	93.3	93.3	93.8	93.9	93.9	93.9	93.9	93.9	94.3
IV 800	25.2	68.3	79.3	86.6	91.5	92.6	92.9	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.5
IV 700	25.2	68.3	79.3	86.8	92.2	93.0	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.2
IV 600	25.2	68.6	79.6	86.9	92.4	93.4	93.7	94.2	94.2	94.7	94.8	94.8	94.8	94.8	94.8	95.3
IV 500	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.3
IV 400	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.3
IV 300	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.3
IV 200	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.3
IV 100	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	95.3
IV 0	25.2	68.6	79.6	86.9	92.4	93.3	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS

1023



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	12.6	28.8	34.3	39.5	41.2	41.5	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	14.3	31.2	37.0	42.2	42.8	44.1	44.3	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 18000	14.6	32.0	37.8	43.0	44.6	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 16000	14.6	32.3	38.3	43.4	45.3	45.6	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 14000	14.6	32.6	38.6	43.8	45.7	46.0	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 12000	15.1	33.0	39.2	44.5	46.4	46.7	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 10000	17.1	36.4	42.7	48.2	50.2	50.5	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 9000	18.2	38.4	44.8	50.5	52.5	52.8	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 8000	20.3	43.3	50.3	56.8	59.0	59.3	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 7000	22.2	46.2	53.8	60.3	62.7	63.0	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 6000	23.3	48.6	56.4	63.1	65.4	65.7	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 5000	25.0	52.3	60.7	67.6	70.1	70.4	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4500	25.1	53.2	61.5	68.7	71.2	71.5	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4000	27.1	57.2	65.8	73.6	75.8	76.1	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 3500	28.3	59.2	68.0	75.7	78.3	78.6	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3000	29.3	61.4	70.9	79.1	81.8	82.1	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2500	30.1	63.2	73.2	81.6	84.4	84.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	30.6	63.1	73.3	81.9	84.8	85.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 1800	30.7	63.3	73.3	84.1	87.0	87.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1500	31.4	66.3	77.0	85.8	88.8	89.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1200	31.5	67.2	77.9	86.8	89.8	90.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000	31.5	67.7	78.7	87.9	91.1	91.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	31.5	67.7	78.7	87.9	91.1	91.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	31.5	67.9	79.0	88.6	91.9	92.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 700	31.5	68.0	79.1	88.8	92.7	93.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	31.5	68.1	79.3	89.1	93.2	93.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	31.5	68.2	79.3	89.3	93.4	93.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 400	31.5	68.3	79.3	89.4	93.5	93.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 300	31.5	68.2	79.3	89.3	93.3	93.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 200	31.5	68.2	79.3	89.3	93.3	93.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 100	31.5	68.2	79.3	89.3	93.3	93.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0	31.5	68.2	79.3	89.4	93.5	94.0	97.1	98.0	98.4	99.2	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
24168

STATION NAME  
ERDING GERMANY AIR STATION

YEARS  
46-56, 56-57

MONTH  
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURLY TOTAL  
0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.1	37.1	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 20000	28.2	41.3	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 18000	28.6	41.8	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 16000	28.9	42.4	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 14000	29.1	42.6	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 12000	30.1	44.0	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 10000	32.4	47.2	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 9000	33.7	49.3	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000	36.0	52.6	53.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 7000	37.0	54.2	57.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 6000	38.0	55.4	58.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 5000	40.1	58.3	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 4500	40.4	58.7	61.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 4000	43.2	63.0	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3500	45.6	66.0	69.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 3000	48.0	70.0	73.5	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 2500	51.3	74.7	78.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2000	54.1	79.2	83.2	85.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 1800	54.4	79.8	84.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1500	55.4	82.6	87.1	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	58.6	88.4	90.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1000	56.0	84.3	89.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	56.1	86.8	90.2	93.3	94.0	94.4	94.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 800	56.2	85.3	91.2	94.3	95.3	96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	56.3	85.6	91.3	94.4	95.0	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	56.3	85.7	91.6	94.8	96.4	97.0	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	56.3	85.7	91.6	95.0	96.7	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	56.3	85.7	91.6	95.0	96.8	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	56.3	85.7	91.6	95.1	96.9	97.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	56.3	85.7	91.6	95.1	96.9	97.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	56.3	85.7	91.6	95.1	96.9	97.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	56.3	85.7	91.6	95.1	96.9	97.6	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS. 1023

DATA PROCESSING DIVISION  
USAF ETAC  
A/R WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56-56-87

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.3	36.1	39.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 20000	39.7	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 18000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 16000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 14000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 12000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 10000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 9000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 8000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 7000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 6000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 5000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 4000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 3500	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 3000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 2500	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 2000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 1800	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 1600	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 1400	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 1200	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 1000	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 900	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 800	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 700	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 600	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 500	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 400	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 300	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 200	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 100	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 0	41.1	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

ERDING GERMANY AIR STATION

46-54-56-57

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	39.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	47.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000	48.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 16000	49.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 14000	49.7	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 12000	51.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 10000	54.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 9000	56.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 8000	60.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 7000	62.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 6000	65.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	66.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	67.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4000	70.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3500	72.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000	74.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 2500	77.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2000	79.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800	79.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	80.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	80.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1000	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 900	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 800	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 700	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 600	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 500	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 400	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 300	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 200	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 100	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 0	80.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

94108  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
STARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	35.4	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 20000	41.0	48.2	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 18000	42.1	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 16000	42.2	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 14000	42.3	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 12000	42.3	51.4	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 10000	43.0	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 9000	47.8	57.2	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000	51.0	61.0	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000	53.0	64.7	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 6000	54.7	67.1	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 5000	57.2	70.1	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4500	58.1	71.5	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4000	60.0	73.0	74.0	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	62.3	77.4	78.6	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3000	63.7	83.1	83.7	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	67.3	85.4	86.7	90.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2000	68.1	87.3	88.4	93.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	68.1	87.3	88.4	93.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	68.3	87.9	88.8	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	68.7	88.2	89.1	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	68.8	88.6	89.7	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	68.8	88.6	89.7	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	68.8	88.6	89.7	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 700	68.8	88.6	89.7	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 600	68.9	88.8	89.8	94.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	68.9	88.8	89.8	94.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 400	68.9	88.8	89.8	94.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 300	68.9	89.0	89.2	95.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 200	68.9	89.0	89.2	95.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 100	68.9	89.0	89.2	95.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 0	68.9	89.0	89.2	95.2	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-54,55-57

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ 3/4	≥ 3/8	≥ 1/4	≥ 0
NO CEILING ≥ 20000	27.8	44.8	49.2	49.6	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
IV 18000	29.4	48.2	53.7	53.1	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
IV 16000	30.2	49.1	53.6	54.0	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
IV 14000	30.4	49.3	53.8	54.2	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
IV 12000	31.0	50.6	55.2	55.7	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
IV 10000	32.2	52.9	57.9	58.5	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
IV 9000	33.8	55.2	60.3	61.2	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
IV 8000	35.6	58.5	64.0	64.9	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
IV 7000	37.2	61.2	67.1	68.1	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
IV 6000	38.4	64.0	70.1	71.4	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
IV 5000	40.1	67.4	73.6	75.0	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
IV 4500	40.7	69.0	75.5	77.1	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
IV 4000	42.1	72.2	79.0	80.6	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
IV 3500	42.8	73.2	80.7	82.7	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 3000	44.2	76.3	84.5	86.9	87.9	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
IV 2500	44.7	77.6	86.4	88.7	90.2	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 2000	45.4	79.3	88.9	91.7	93.0	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IV 1800	45.4	79.6	89.0	91.9	93.2	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
IV 1500	45.6	79.9	89.5	92.5	93.9	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 1200	45.6	80.1	89.8	93.0	94.5	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
IV 1000	45.6	80.4	90.1	93.5	95.3	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
IV 900	45.6	80.4	90.1	93.5	95.3	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
IV 800	45.6	80.3	90.2	93.9	95.9	96.5	97.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 700	45.6	80.3	90.2	93.9	95.9	96.5	97.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 600	45.7	80.4	90.3	94.1	96.4	97.1	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 500	45.7	80.4	90.3	94.2	96.5	97.2	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 400	45.7	80.6	90.3	94.2	96.6	97.3	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 300	45.7	80.6	90.3	94.2	96.7	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 200	45.7	80.6	90.3	94.2	96.7	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 100	45.7	80.6	90.3	94.2	96.7	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 0	45.7	80.6	90.3	94.2	96.7	97.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 1020

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34169

ERDING GERMANY AIR STATION

46-54,36-57

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING ≥ 20000	19.7	43.4	50.0	53.6	54.2	54.6	54.8	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.4	55.7
≥ 18000	20.6	45.2	52.1	55.7	56.3	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.9	58.2
≥ 16000	20.6	45.4	52.3	55.9	56.5	56.9	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.8	58.1	58.4
≥ 14000	20.6	45.7	52.7	56.3	56.9	57.3	57.7	57.8	57.9	58.1	58.2	58.2	58.2	58.3	58.5	58.7
≥ 12000	20.6	45.7	52.7	56.3	56.9	57.3	57.8	57.9	58.0	58.2	58.3	58.3	58.3	58.4	58.6	58.8
≥ 10000	21.7	45.1	53.0	59.3	59.9	60.3	60.8	61.0	61.1	61.3	61.4	61.4	61.4	61.7	61.7	62.0
≥ 9000	23.2	50.8	58.4	62.8	63.4	63.8	64.3	64.5	64.6	64.8	65.0	65.0	65.0	65.3	65.3	65.6
≥ 8000	25.5	55.3	63.1	67.6	68.2	68.6	69.3	69.5	69.6	69.8	70.0	70.0	70.0	70.3	70.3	70.6
≥ 7000	27.2	59.2	67.5	72.0	72.6	73.0	73.4	73.9	74.1	74.2	74.4	74.6	74.6	74.9	74.9	75.2
≥ 6000	28.2	61.4	69.7	74.3	74.9	75.3	75.7	76.1	76.3	76.4	76.6	76.8	76.8	77.1	77.1	77.4
≥ 5000	29.0	65.0	73.8	78.5	79.1	79.6	80.0	80.4	80.6	80.7	80.9	81.1	81.1	81.4	81.4	81.7
≥ 4500	29.3	66.4	75.7	80.6	81.2	81.6	82.3	82.3	82.6	82.8	83.0	83.0	83.0	83.3	83.3	83.6
≥ 4000	30.0	68.3	77.8	82.7	83.3	83.7	84.2	84.8	85.0	85.1	85.3	85.3	85.3	85.6	85.6	85.9
≥ 3500	30.5	69.6	79.3	84.3	84.9	85.3	85.7	86.3	86.5	86.6	86.8	86.8	86.8	87.1	87.1	87.4
≥ 3000	30.7	71.2	80.9	86.2	86.8	87.2	87.9	88.1	88.2	88.3	88.5	88.5	88.5	88.8	88.8	89.1
≥ 2500	31.4	72.9	83.0	88.6	89.2	89.6	90.8	91.2	91.8	92.0	92.1	92.3	92.3	92.6	92.6	92.9
≥ 2000	31.6	74.1	84.4	90.5	91.1	91.5	92.8	93.0	93.3	93.7	93.8	94.0	94.0	94.3	94.3	94.6
≥ 1800	31.6	74.3	84.6	90.7	91.3	91.7	93.0	93.3	93.7	94.0	94.2	94.3	94.3	94.6	94.6	94.9
≥ 1500	31.6	75.0	85.4	91.7	92.3	92.7	94.0	94.3	94.7	95.0	95.3	95.6	95.6	95.9	95.9	96.2
≥ 1200	31.7	75.5	86.3	92.2	92.8	93.2	94.5	94.8	95.2	95.5	95.8	96.1	96.1	96.4	96.4	96.7
≥ 1000	31.9	75.8	86.3	92.6	93.2	93.6	94.9	95.2	95.6	95.9	96.2	96.5	96.5	96.8	96.8	97.1
≥ 900	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 800	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 700	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 600	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 500	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 400	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 300	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 200	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 100	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2
≥ 0	31.9	75.9	86.3	92.7	93.3	93.7	95.0	95.3	95.7	96.0	96.3	96.6	96.6	96.9	96.9	97.2

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54,56-87  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	11,2	30,7	35,7	41,1	43,6	44,2	45,4	45,7	45,7	46,2	46,3	46,5	46,7	47,0	47,0	47,5
≥ 20000	11,6	32,2	37,3	43,2	45,7	46,3	47,7	48,1	48,1	48,7	49,0	49,0	49,2	49,3	49,5	50,0
≥ 18000	11,6	32,3	37,6	43,3	46,0	46,6	48,0	48,4	48,4	49,0	49,3	49,3	49,3	49,8	49,8	50,3
≥ 16000	11,6	32,3	37,6	43,3	46,0	46,6	48,0	48,4	48,4	49,0	49,3	49,3	49,3	49,8	49,8	50,3
≥ 14000	11,6	32,4	37,7	43,6	46,1	46,7	48,1	48,5	48,5	49,1	49,4	49,4	49,6	49,9	49,9	50,4
≥ 12000	11,7	32,6	38,0	43,9	46,5	47,1	48,6	49,0	49,0	49,6	49,9	49,9	50,0	50,3	50,3	50,9
≥ 10000	13,0	35,0	40,6	47,0	49,9	50,9	52,0	52,4	52,4	53,0	53,3	53,3	53,3	53,8	53,8	54,3
≥ 9000	13,9	37,1	42,7	49,3	52,2	52,9	54,3	54,8	54,8	55,4	55,7	55,7	56,0	56,3	56,3	57,0
≥ 8000	17,0	42,7	48,9	55,6	59,4	60,1	61,7	62,3	62,3	62,9	63,2	63,2	63,8	63,8	63,8	64,3
≥ 7000	19,1	45,8	52,2	59,3	63,2	63,9	65,3	66,1	66,1	66,7	67,1	67,1	67,6	67,6	67,6	68,3
≥ 6000	19,7	47,6	54,0	61,2	65,3	66,0	67,6	68,2	68,2	68,8	69,2	69,2	69,8	69,8	69,8	70,3
≥ 5000	21,7	51,7	58,6	66,0	70,2	71,0	72,6	73,2	73,2	73,8	74,2	74,2	74,8	74,8	74,8	75,3
≥ 4500	22,2	53,1	60,0	67,4	71,7	72,3	73,9	74,5	74,5	75,1	75,5	75,5	76,1	76,1	76,1	76,6
≥ 4000	23,7	56,3	63,7	71,6	76,0	76,7	78,3	78,9	78,9	79,5	79,9	79,9	80,5	80,5	80,5	81,3
≥ 3500	25,0	57,3	66,6	74,9	79,6	80,4	82,1	82,7	82,7	83,3	83,7	83,7	84,3	84,3	84,3	84,9
≥ 3000	26,1	61,7	69,1	77,9	82,8	83,6	85,3	85,9	85,9	86,5	86,9	86,9	87,5	87,5	87,5	88,2
≥ 2500	25,6	63,2	71,3	80,4	85,7	86,5	88,2	88,8	88,8	89,4	89,8	89,8	90,4	90,4	90,4	91,2
≥ 2000	26,7	63,6	72,0	81,3	87,2	88,0	90,1	90,9	90,9	91,6	92,0	92,0	92,6	92,6	92,6	93,2
≥ 1800	26,7	63,7	72,1	81,6	87,3	88,1	90,2	91,0	91,0	91,7	92,1	92,1	92,7	92,7	92,7	93,4
≥ 1500	26,8	64,1	72,5	82,1	87,5	88,7	91,1	91,9	91,9	92,6	93,1	93,1	93,7	93,7	93,7	94,3
≥ 1200	26,8	64,3	72,9	82,5	88,3	89,1	91,6	92,4	92,4	93,1	93,6	93,6	94,2	94,2	94,2	94,8
≥ 1000	26,8	65,2	73,9	82,9	89,8	90,7	93,3	94,1	94,1	94,8	95,3	95,3	95,9	95,9	95,9	96,7
≥ 900	26,8	65,2	73,9	82,9	89,8	90,7	93,3	94,1	94,1	94,8	95,3	95,3	95,9	95,9	95,9	96,7
≥ 800	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 700	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 600	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 500	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 400	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 300	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 200	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 100	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0
≥ 0	27,2	65,6	74,3	83,4	90,7	91,6	94,1	94,9	94,9	95,6	96,1	96,1	96,7	96,7	96,7	97,0

TOTAL NUMBER OF OBSERVATIONS 1023



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168

ERDING GERMANY AIR STATION

46-54.96-57

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	11.3	26.7	30.1	33.9	35.6	35.9	36.9	37.1	37.3	37.6	37.6	37.7	37.9	38.1	38.1	38.5
IV 18000	14.0	32.3	36.1	40.3	42.2	42.5	43.8	44.3	44.5	44.8	44.9	45.0	45.2	45.4	45.4	45.7
IV 16000	14.0	32.3	36.4	40.8	42.5	42.8	44.1	44.6	44.8	45.1	45.2	45.3	45.5	45.7	45.7	46.0
IV 14000	14.1	32.3	36.6	41.0	42.7	43.0	44.3	44.8	45.0	45.3	45.4	45.5	45.7	45.8	45.8	46.2
IV 12000	14.4	33.2	37.6	42.1	44.2	44.5	45.7	46.2	46.4	46.7	46.8	46.9	47.1	47.3	47.3	47.7
IV 10000	15.4	33.7	40.3	43.0	47.2	47.6	49.0	49.3	49.7	50.0	50.0	50.1	50.3	50.5	50.5	50.9
IV 8000	16.0	37.1	42.0	46.8	49.1	49.6	50.9	51.4	51.6	51.9	52.0	52.1	52.3	52.5	52.5	52.9
IV 7000	19.2	43.1	48.3	53.6	56.7	57.2	58.6	59.1	59.3	59.6	59.7	59.8	60.0	60.2	60.2	60.6
IV 6000	20.6	45.8	51.3	56.8	60.0	60.7	62.1	62.7	62.9	63.1	63.2	63.3	63.5	63.7	63.7	64.1
IV 5000	22.0	47.8	53.5	58.7	62.1	62.8	64.1	64.7	64.9	65.3	65.3	65.4	65.6	65.8	65.8	66.2
IV 4500	24.4	51.7	57.2	62.5	67.2	67.6	69.2	69.8	70.0	70.3	70.4	70.5	70.7	70.9	70.9	71.2
IV 4000	24.9	52.9	59.0	63.1	68.7	69.4	70.8	71.4	71.6	71.8	71.9	72.0	72.2	72.4	72.4	72.8
IV 3500	26.6	55.7	62.3	66.7	72.4	73.1	74.5	75.2	75.4	75.7	75.8	75.9	76.1	76.2	76.2	76.6
IV 3000	27.8	58.7	65.4	72.0	76.1	76.7	78.1	78.8	79.0	79.3	79.4	79.5	79.7	79.9	79.9	80.3
IV 2500	29.3	62.3	69.2	76.3	80.5	81.2	82.7	83.4	83.6	83.9	84.0	84.1	84.3	84.5	84.5	84.8
IV 2000	30.1	63.1	70.4	77.7	82.3	83.1	84.8	85.1	85.3	85.6	85.7	85.8	86.0	86.2	86.2	86.6
IV 1800	30.8	64.2	71.9	79.7	84.8	85.8	87.1	87.8	88.1	88.3	88.4	88.5	88.6	88.8	88.8	89.2
IV 1600	31.2	64.6	72.7	80.7	86.5	87.3	89.0	89.9	90.1	90.6	90.9	91.0	91.2	91.4	91.4	91.8
IV 1400	31.4	64.9	73.3	81.4	87.6	88.8	90.4	91.2	91.4	91.9	92.2	92.3	92.5	92.7	92.7	93.1
IV 1200	31.6	65.2	73.8	82.1	88.8	89.6	91.6	92.8	93.1	93.5	93.9	94.0	94.2	94.4	94.4	94.8
IV 1000	31.8	65.4	74.3	82.5	89.4	90.9	92.8	93.5	93.8	94.3	94.8	94.9	95.1	95.3	95.3	95.7
IV 900	31.7	65.6	74.3	82.8	90.0	90.9	92.9	94.2	94.5	95.0	95.5	95.6	95.8	96.0	96.0	96.4
IV 800	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 700	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 600	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 500	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 400	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 300	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 200	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 100	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4
IV 0	31.7	65.6	74.3	82.8	90.0	91.0	93.2	94.7	95.1	95.8	96.2	96.5	96.7	97.0	97.0	97.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-54, 56-57

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	22.7	32.7	34.8	36.4	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	28.4	42.3	44.3	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 18000	28.4	42.3	44.3	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 16000	28.5	42.5	45.2	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 14000	28.5	42.5	45.2	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 12000	29.2	44.0	46.6	48.1	48.2	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 10000	31.0	46.7	49.4	51.0	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 9000	32.0	48.4	51.0	53.2	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 8000	36.2	54.3	57.5	59.8	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 7000	36.6	57.7	61.1	63.4	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 6000	39.3	58.7	62.3	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 5000	41.5	61.7	65.2	67.6	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 4500	41.9	62.2	65.8	68.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 4000	44.1	65.0	68.6	71.1	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 3500	46.0	67.8	71.5	74.1	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 3000	49.9	73.2	77.4	80.6	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 2500	52.7	77.1	81.7	85.2	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	54.3	79.7	84.7	88.4	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	54.5	80.1	85.3	89.0	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	55.3	81.5	86.8	90.7	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1200	56.0	81.9	87.3	91.2	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1000	56.4	82.6	88.1	92.7	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 900	56.4	82.7	88.2	93.1	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	56.4	83.0	88.6	93.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700	56.4	83.1	88.8	93.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	56.4	83.1	88.8	93.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 500	56.4	83.1	88.8	93.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 400	56.4	83.2	88.9	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 300	56.4	83.2	88.9	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 200	56.4	83.2	88.9	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 100	56.4	83.2	88.9	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 0	56.4	83.2	88.9	93.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3416E ERDING GERMANY AIR STATION

46-54, 56-57

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	29.3	34.0	34.7	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 18000	36.9	42.3	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 16000	37.2	43.7	44.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 14000	37.5	44.0	44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 12000	37.9	44.4	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 10000	38.6	45.5	46.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 9000	42.3	50.5	51.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 8000	43.5	52.2	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 7000	48.5	58.7	60.3	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 6000	50.7	61.2	62.8	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 5000	52.0	63.0	64.7	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 4500	54.2	65.3	67.1	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4000	55.1	66.3	68.0	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 3500	58.0	69.9	71.7	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3000	61.5	74.3	76.1	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2500	66.2	80.8	82.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2000	69.1	85.3	86.3	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	71.0	87.9	90.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	71.1	88.2	91.2	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	71.4	88.8	91.9	93.6	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	71.5	89.1	92.4	94.1	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	71.9	90.3	93.8	95.9	96.4	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	71.9	90.6	94.4	96.5	97.0	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	72.0	90.7	94.6	96.9	97.5	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	72.0	90.7	94.6	97.0	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	72.0	90.9	94.8	97.2	98.0	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	72.1	91.0	94.9	97.3	98.2	98.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	72.1	91.0	94.9	97.3	98.2	98.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	72.1	91.0	94.9	97.3	98.2	98.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	72.1	91.0	94.9	97.3	98.2	98.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	72.1	91.0	94.9	97.3	98.2	98.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	34.2	38.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	41.9	48.1	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 18000	43.3	49.6	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000	43.4	49.8	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 14000	43.9	50.2	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 12000	44.9	51.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 10000	49.1	57.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 9000	50.8	59.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 8000	56.1	66.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 7000	57.9	68.5	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 6000	59.2	70.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 5000	61.7	73.7	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4500	63.2	75.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4000	67.3	80.1	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	69.2	82.7	85.2	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	71.3	85.3	88.1	88.6	88.7	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	72.7	87.1	90.2	90.7	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	74.1	88.9	92.4	93.0	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	74.1	89.0	92.5	93.1	93.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	74.6	89.8	93.4	94.0	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	74.7	90.0	93.5	94.2	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000	74.8	91.0	94.6	95.3	95.5	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	75.1	91.4	95.0	95.7	96.3	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	75.1	91.5	95.4	96.1	96.9	97.2	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	75.1	91.5	95.5	96.2	97.0	97.3	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	75.1	91.7	95.8	96.6	97.7	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	75.1	91.8	95.9	96.7	97.9	98.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-54, 56-57

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.2	37.9	40.7	41.3	41.9	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 18000	36.6	44.3	47.3	48.3	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 16000	37.2	45.3	48.4	49.4	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 14000	37.5	45.7	48.8	49.8	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 12000	37.9	46.0	49.2	50.1	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	39.4	48.4	51.5	52.5	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 9000	42.1	52.5	55.7	56.8	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 8000	43.8	54.8	58.1	59.2	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 7000	47.0	59.7	63.3	64.5	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 6000	49.5	63.0	66.7	67.9	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 5000	51.9	65.8	69.7	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	54.1	69.8	73.9	75.3	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 4000	55.3	71.8	76.1	77.8	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3500	58.7	76.1	80.6	82.7	83.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3000	59.8	77.6	82.2	84.5	85.2	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	61.2	80.2	85.2	88.1	88.9	89.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000	62.2	81.9	87.3	90.6	91.6	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1800	63.0	83.3	88.8	92.5	93.9	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	63.0	83.3	88.8	92.5	93.9	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	63.5	84.8	90.4	94.1	95.8	96.1	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	63.9	85.2	90.9	94.7	96.5	96.8	97.2	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 100	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 0	64.2	85.7	91.4	95.2	97.2	97.5	97.9	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING 'FEET.	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	28.0	45.3	50.3	51.8	52.5	52.5	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	29.5	47.9	53.2	54.8	55.7	55.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 18000	29.5	48.3	53.6	55.2	56.1	56.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 16000	29.5	48.3	53.6	55.2	56.1	56.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 14000	29.5	48.3	53.6	55.4	56.3	56.4	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	29.9	49.4	54.8	56.4	57.3	57.4	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 10000	31.2	52.5	58.3	60.2	61.2	61.3	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 9000	32.9	55.8	61.7	64.2	65.2	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	35.1	59.6	65.8	68.3	69.4	69.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 7000	37.1	63.0	70.0	72.6	73.7	73.8	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 6000	38.0	65.1	72.5	75.4	76.5	76.6	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 5000	39.8	69.2	77.1	79.9	81.1	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	40.9	70.6	78.5	81.6	82.8	82.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	42.5	73.7	81.9	83.1	86.5	86.6	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500	42.7	74.6	82.8	86.2	87.6	87.7	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3000	43.6	76.3	84.9	88.5	90.1	90.2	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	44.8	78.1	87.5	91.7	93.4	93.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2000	44.8	79.1	88.9	93.4	95.2	95.4	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	44.8	79.2	89.0	93.5	95.3	95.5	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	44.9	79.6	89.5	94.0	96.0	96.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	44.9	79.8	89.8	94.3	96.4	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	45.1	80.2	90.4	95.0	97.1	97.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	45.1	80.2	90.4	95.0	97.1	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	45.1	80.2	90.4	95.0	97.1	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	45.1	80.2	90.4	95.1	97.3	97.5	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	45.1	80.3	90.5	95.2	97.6	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34188  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STAT (E MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	14.0	36.3	42.3	47.9	50.6	51.3	53.7	54.5	54.7	55.6	56.1	56.1	56.4	56.4	56.6	57.0
IV 18000	14.4	37.5	43.3	49.3	52.3	53.1	55.4	56.3	56.5	57.3	57.8	57.8	58.1	58.1	58.4	58.8
IV 16000	14.4	37.8	43.9	49.7	52.7	53.5	55.8	56.6	56.8	57.7	58.2	58.2	58.5	58.5	58.8	59.2
IV 14000	14.5	38.0	44.1	50.0	53.0	53.8	56.1	56.9	57.1	58.0	58.3	58.5	58.8	58.8	59.1	59.4
IV 12000	14.7	38.6	44.8	50.9	53.9	54.7	57.0	57.9	58.1	59.0	59.4	59.4	59.7	59.7	60.0	60.4
IV 10000	14.9	39.7	45.9	52.0	55.0	55.9	58.2	59.1	59.2	60.1	60.6	60.6	60.9	60.9	61.2	61.6
IV 9000	15.6	41.3	47.7	54.0	57.0	58.0	60.3	61.3	61.5	62.3	62.8	62.8	63.1	63.1	63.4	63.8
IV 8000	17.1	44.7	51.5	57.9	61.2	62.1	64.5	65.4	65.6	66.3	67.0	67.0	67.2	67.2	67.5	67.9
IV 7000	19.2	48.2	55.3	61.9	65.3	66.4	68.7	69.7	69.8	70.7	71.2	71.2	71.5	71.5	71.8	72.2
IV 6000	19.7	49.7	57.9	64.8	68.3	69.4	71.7	72.6	72.8	73.7	74.2	74.2	74.5	74.5	74.8	75.1
IV 5000	20.9	53.9	62.7	69.9	73.7	74.8	77.1	78.0	78.2	79.1	79.6	79.6	79.9	79.9	80.2	80.5
IV 4500	21.4	55.6	64.9	72.2	75.9	77.0	79.3	80.3	80.4	81.3	81.8	81.8	82.1	82.1	82.4	82.8
IV 4000	21.8	57.0	66.8	74.3	78.1	79.2	81.5	82.5	82.7	83.5	84.2	84.2	84.5	84.5	84.8	85.2
IV 3500	22.0	58.6	69.0	76.5	80.3	81.4	83.7	84.7	84.9	85.7	86.4	86.4	86.7	86.7	87.0	87.4
IV 3000	22.6	60.9	71.5	79.5	83.4	84.6	86.9	87.9	88.1	88.9	89.6	89.6	89.9	89.9	90.2	90.6
IV 2500	22.6	62.1	73.0	81.2	85.2	86.3	88.6	89.6	89.8	90.8	91.4	91.4	91.7	91.7	92.0	92.4
IV 2000	22.7	62.6	73.9	82.5	86.6	87.8	90.5	91.5	91.7	92.7	93.4	93.4	93.6	93.6	93.9	94.2
IV 1800	22.7	62.8	74.1	82.9	87.0	88.2	90.9	91.9	92.1	93.1	93.7	93.7	94.0	94.0	94.3	94.7
IV 1500	23.0	63.2	74.9	83.8	88.0	89.1	92.0	93.0	93.2	94.3	95.0	95.0	95.3	95.3	95.6	96.0
IV 1200	23.0	63.4	75.3	84.5	88.7	89.9	92.9	94.0	94.2	95.3	95.9	95.9	96.1	96.1	96.4	96.8
IV 1000	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 900	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 800	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 700	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 600	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 500	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 400	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 300	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 200	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 100	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8
IV 0	23.0	63.7	75.6	84.9	89.3	90.5	93.8	95.0	95.2	96.1	96.8	96.8	97.1	97.1	97.4	97.8

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-57

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.8	24.0	29.5	35.6	38.6	39.6	42.2	42.8	43.0	44.2	44.8	45.6	46.7	47.1	47.8
≥ 20000	7.1	25.1	30.7	37.0	40.1	41.0	43.7	44.3	44.6	45.8	46.4	47.2	48.4	48.7	49.4
IV 18000	7.1	25.4	31.0	37.3	40.3	41.3	44.1	44.7	45.0	46.2	46.8	47.6	48.7	49.1	49.8
IV 16000	7.1	25.4	31.0	37.3	40.3	41.3	44.1	44.7	45.0	46.2	46.8	47.6	48.7	49.1	49.8
IV 14000	7.1	25.4	31.0	37.4	40.4	41.4	44.2	44.8	45.1	46.3	46.9	47.7	48.8	49.2	49.9
IV 12000	7.3	25.9	31.6	38.1	41.2	42.2	45.0	45.6	45.8	47.1	47.7	48.5	49.6	50.0	50.7
IV 10000	7.4	27.0	33.1	39.9	43.1	44.1	47.0	47.7	48.0	49.2	49.8	50.6	51.7	52.1	52.8
IV 9000	8.2	28.8	35.2	42.0	45.3	46.6	49.5	50.2	50.5	51.7	52.3	53.1	54.2	54.6	55.3
IV 8000	10.3	32.4	39.5	46.9	51.1	52.2	55.4	56.1	56.4	57.6	58.3	59.1	60.2	60.6	61.3
IV 7000	11.2	35.5	42.7	50.3	54.5	55.7	58.9	59.6	59.9	61.2	61.9	62.6	63.8	64.2	64.9
IV 6000	11.5	37.4	45.0	52.8	57.1	58.3	61.5	62.2	62.5	63.8	64.5	65.3	66.4	66.8	67.5
IV 5000	12.2	40.4	48.6	56.8	61.2	62.3	65.6	66.3	66.7	68.0	68.6	69.4	70.6	70.9	71.6
IV 4500	12.7	42.2	50.8	59.2	63.7	64.9	68.1	68.8	69.2	70.5	71.1	71.9	73.1	73.5	74.1
IV 4000	13.0	44.0	53.4	62.5	67.2	68.3	71.6	72.4	72.8	74.2	74.9	75.7	76.8	77.2	77.9
IV 3500	13.8	45.8	55.5	65.0	69.6	70.8	74.2	75.0	75.4	76.8	77.5	78.3	79.4	79.8	80.5
IV 3000	14.7	48.5	59.3	69.4	74.5	75.8	79.3	80.1	80.5	81.9	82.6	83.4	84.6	84.9	85.6
IV 2500	15.2	50.4	60.9	71.9	77.3	78.7	82.2	83.0	83.4	84.8	85.5	86.3	87.5	87.8	88.5
IV 2000	15.2	51.2	62.2	73.2	78.6	79.9	83.7	84.5	84.8	86.3	87.0	87.7	88.9	89.3	90.0
IV 1800	15.2	51.2	62.2	73.2	78.6	79.9	83.7	84.5	84.8	86.3	87.0	87.7	88.9	89.3	90.0
IV 1500	15.3	51.7	62.8	73.9	79.3	80.7	84.7	85.5	85.9	87.4	88.0	88.8	90.0	90.3	91.0
IV 1200	15.3	52.0	63.3	74.4	79.8	81.3	85.3	86.1	86.5	88.0	88.6	89.4	90.6	91.0	91.7
IV 1000	15.3	52.0	63.3	74.4	80.1	81.6	85.6	86.4	86.8	88.3	88.9	89.7	90.9	91.3	92.0
IV 900	15.3	52.0	63.6	74.7	80.4	81.9	85.9	86.7	87.1	88.6	89.2	90.0	91.2	91.6	92.3
IV 800	15.3	52.1	63.7	75.0	80.7	82.1	86.1	86.9	87.3	88.8	89.4	90.2	91.4	91.8	92.5
IV 700	15.3	52.1	63.7	75.1	80.8	82.2	86.2	87.0	87.4	88.9	89.5	90.3	91.5	91.9	92.6
IV 600	15.3	52.1	63.7	75.1	80.8	82.2	86.2	87.0	87.4	88.9	89.5	90.3	91.5	91.9	92.6
IV 500	15.3	52.2	63.9	75.3	81.2	82.6	86.6	87.4	87.8	89.3	89.9	90.7	91.9	92.3	93.0
IV 400	15.3	52.2	64.0	75.4	81.3	82.7	86.7	87.5	87.9	89.4	90.0	90.8	92.0	92.4	93.1
IV 300	15.3	52.2	64.0	75.4	81.3	82.7	86.7	87.5	87.9	89.4	90.0	90.8	92.0	92.4	93.1
IV 200	15.3	52.2	64.0	75.4	81.3	82.7	86.7	87.5	87.9	89.4	90.0	90.8	92.0	92.4	93.1
IV 100	15.3	52.2	64.0	75.4	81.3	82.7	86.7	87.5	87.9	89.4	90.0	90.8	92.0	92.4	93.1
IV 0	15.3	52.2	64.0	75.4	81.3	82.7	86.7	87.5	87.9	89.4	90.0	90.8	92.0	92.4	93.1

TOTAL NUMBER OF OBSERVATIONS 1036



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	18.2	22.0	26.6	28.6	30.2	31.6	32.6	33.1	33.8	34.2	34.4	35.1	35.4	35.6	36.5
≥ 20000	6.4	20.0	24.2	29.4	31.7	33.3	34.9	35.9	36.4	37.3	38.0	38.2	38.9	39.2	39.4	40.8
IV 18000	6.4	20.3	24.5	29.8	32.1	33.8	35.4	36.4	36.8	37.8	38.5	38.8	39.4	39.8	40.0	41.2
IV 16000	6.4	20.3	24.7	30.0	32.3	33.9	35.6	36.5	37.0	38.0	38.7	39.0	39.6	40.0	40.2	41.4
IV 14000	6.5	20.4	24.8	30.1	32.4	34.0	35.7	36.6	37.1	38.1	38.8	39.1	39.7	40.1	40.2	41.5
IV 12000	7.2	21.8	26.1	31.5	33.8	35.7	37.4	38.5	39.0	39.9	40.6	40.9	41.6	42.0	42.1	43.4
IV 10000	8.5	24.1	28.6	34.5	37.0	38.9	40.8	41.9	42.3	43.3	44.0	44.3	44.9	45.3	45.6	46.9
IV 9000	9.3	25.6	30.3	36.5	39.2	41.1	43.0	44.1	44.5	45.5	46.2	46.5	47.2	47.5	47.8	49.1
IV 8000	11.3	27.2	34.5	41.5	44.1	46.0	48.0	49.2	49.7	50.7	51.4	51.7	52.5	52.8	53.1	54.4
IV 7000	12.2	31.6	37.5	44.5	47.5	49.5	51.5	52.7	53.2	54.4	55.1	55.4	56.1	56.5	56.8	58.1
IV 6000	13.1	33.8	40.1	47.3	50.4	52.5	54.6	55.8	56.3	57.6	58.2	58.5	59.3	59.7	60.0	61.2
IV 5000	15.0	37.4	44.5	52.1	55.6	57.7	60.1	61.4	61.9	63.2	63.8	64.1	64.9	65.3	65.6	66.8
IV 4500	15.6	38.6	45.7	53.7	57.3	59.3	61.7	63.1	63.5	64.8	65.5	65.8	66.5	66.9	67.2	68.5
IV 4000	17.8	41.9	49.6	58.0	61.9	64.0	66.4	67.9	68.4	69.6	70.3	70.6	71.4	71.7	72.0	73.3
IV 3500	18.7	43.8	51.5	60.3	64.3	66.6	69.1	70.7	71.2	72.4	73.1	73.4	74.2	74.5	74.8	76.1
IV 3000	19.7	46.9	55.1	64.3	68.9	71.2	73.8	75.4	75.9	77.1	77.8	78.1	78.9	79.3	79.6	80.8
IV 2500	20.3	48.7	57.4	66.8	71.7	74.0	76.6	78.2	78.7	79.9	80.7	81.0	81.8	82.2	82.5	83.7
IV 2000	20.6	49.4	58.2	67.9	72.8	75.2	77.8	79.5	79.9	81.2	82.0	82.3	83.0	83.4	83.7	85.0
IV 1800	20.6	49.4	58.2	67.9	72.8	75.2	77.8	79.5	79.9	81.2	82.0	82.3	83.0	83.4	83.7	85.0
IV 1500	20.8	50.3	59.7	69.6	74.6	77.2	79.9	81.6	82.1	83.3	84.1	84.4	85.1	85.5	85.8	87.1
IV 1200	21.0	50.7	60.1	70.1	75.2	77.9	80.7	82.4	82.8	84.2	85.0	85.3	86.0	86.4	86.7	87.9
IV 1000	21.3	51.5	60.9	71.3	76.7	79.6	82.5	84.3	84.9	86.2	87.2	87.5	88.2	88.6	88.9	90.2
IV 900	21.3	51.5	61.0	71.4	77.0	79.8	82.7	84.6	85.1	86.5	87.5	87.8	88.5	88.9	89.2	90.5
IV 800	21.3	51.8	61.2	71.6	77.4	80.3	83.2	85.2	85.8	87.2	88.2	88.5	89.2	89.6	90.1	91.3
IV 700	21.3	51.8	61.4	71.7	77.6	80.5	83.4	85.5	86.1	87.5	88.5	88.8	89.5	90.0	90.5	91.8
IV 600	21.3	51.8	61.4	71.7	77.6	80.5	83.4	85.5	86.1	87.5	88.5	88.8	89.5	90.0	90.5	91.8
IV 500	21.3	51.9	61.5	71.8	77.8	80.7	83.6	85.7	86.3	87.7	88.7	89.0	89.7	90.2	90.7	91.9
IV 400	21.3	52.0	61.6	71.9	77.9	80.9	83.7	85.8	86.4	87.8	88.8	89.1	89.8	90.3	90.8	92.0
IV 300	21.3	52.0	61.6	71.9	77.9	80.9	83.7	85.8	86.4	87.8	88.8	89.1	89.8	90.3	90.8	92.0
IV 200	21.3	52.0	61.6	71.9	77.9	80.9	83.7	85.8	86.4	87.8	88.8	89.1	89.8	90.3	90.8	92.0
IV 100	21.3	52.0	61.6	71.9	77.9	80.9	83.7	85.8	86.4	87.8	88.8	89.1	89.8	90.3	90.8	92.0
IV 0	21.3	52.0	61.6	71.9	77.9	80.9	83.7	85.8	86.4	87.8	88.8	89.1	89.8	90.3	90.8	92.0

TOTAL NUMBER OF OBSERVATIONS 1037

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

36168  
STATION

ERLING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	29.2	31.7	34.0	37.2	35.8	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.6
≥ 20000	16.4	34.3	37.5	40.0	41.2	41.9	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.9
18000	16.6	34.9	37.9	40.4	41.7	42.4	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.3
16000	16.9	35.3	38.3	40.8	42.1	42.8	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.7
14000	17.4	35.8	38.8	41.3	42.6	43.2	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.1	44.2
12000	18.5	37.5	40.6	43.1	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	46.1	46.2
10000	21.2	41.0	44.2	46.6	48.2	48.8	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.8	49.9
9000	22.6	42.5	45.7	48.6	50.1	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.7	51.8
8000	25.4	46.5	49.8	52.9	54.3	55.1	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.9	56.1	56.2
7000	26.5	48.9	52.2	55.7	57.2	58.0	58.6	58.6	58.7	58.7	58.7	58.7	58.8	58.8	59.0	59.1
6000	27.6	50.6	54.0	57.4	59.2	59.9	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.9	61.0
5000	29.1	53.1	56.9	60.6	62.4	63.2	63.8	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.2	64.3
4500	29.7	54.1	57.9	61.7	63.4	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.3	65.3
4000	31.2	56.4	60.9	65.1	66.8	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.6	68.7
3500	33.3	59.7	64.2	68.6	70.5	71.3	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.4	72.5
3000	35.7	63.2	68.1	72.8	74.6	75.6	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.7	76.8
2500	38.2	67.7	72.5	77.4	79.4	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.8	81.9
2000	39.8	70.8	75.9	81.2	83.2	84.2	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.5	85.6
1800	39.8	70.8	75.9	81.2	83.2	84.2	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.5	85.6
1500	40.2	72.6	77.7	83.2	85.5	86.7	87.2	87.6	87.7	87.7	87.7	87.7	87.8	87.8	88.1	88.2
1200	40.2	73.4	78.7	84.2	86.6	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.7	88.8
1000	40.8	74.3	79.7	85.3	88.3	89.0	91.2	91.5	91.6	91.7	91.7	91.7	91.8	91.8	92.0	92.1
900	40.8	74.5	80.0	85.6	88.9	90.4	93.8	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.7	94.8
800	40.8	74.9	80.5	86.3	90.2	91.9	93.4	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.7	94.8
700	40.8	74.9	80.6	86.5	90.3	92.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.8
600	40.8	74.9	80.7	86.8	90.7	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.8
500	40.8	75.0	81.0	87.3	91.4	93.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.8
400	40.8	75.0	81.0	87.4	91.4	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8
300	40.8	75.0	81.0	87.4	91.4	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8
200	40.8	75.0	81.0	87.4	91.4	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8
100	40.8	75.0	81.0	87.4	91.4	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8
0	40.8	75.0	81.0	87.4	91.4	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8

TOTAL NUMBER OF OBSERVATIONS 1036

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2
NO CEILING ≥ 20000	28.1	37.0	38.6	39.4	39.8	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 18000	34.1	45.9	47.9	48.7	49.1	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 16000	34.2	46.1	48.2	49.0	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 14000	34.6	46.5	48.6	49.5	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 12000	35.4	47.5	49.5	50.7	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 10000	38.3	51.3	53.4	54.7	55.1	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 9000	39.9	53.4	55.5	56.8	57.2	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 8000	43.6	58.1	60.3	61.8	62.1	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	45.2	60.4	63.0	64.5	64.8	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 6000	45.7	61.5	64.1	65.5	65.9	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 5000	47.4	63.6	66.3	67.7	68.1	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 4500	48.4	64.7	67.5	69.0	69.4	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 4000	49.6	65.9	70.3	71.8	72.2	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	51.4	68.9	72.7	74.2	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 3000	56.0	73.4	79.8	81.4	82.0	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2500	59.2	80.0	84.7	86.4	87.1	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2000	61.4	83.5	88.3	90.7	91.3	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1800	61.7	84.1	89.2	91.3	92.0	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	62.6	86.2	91.4	93.8	94.6	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	62.8	87.2	92.3	94.9	95.9	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	63.2	87.9	93.3	95.7	95.8	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	63.3	88.0	93.4	95.8	97.0	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	63.3	88.0	93.4	95.9	97.3	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	63.3	88.0	93.4	95.9	97.4	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	63.4	88.2	93.7	96.2	97.8	98.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	63.4	88.2	93.9	96.4	98.0	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	63.4	88.2	93.9	96.4	98.0	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	63.4	88.2	93.9	96.5	98.0	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	63.4	88.2	93.9	95.4	98.0	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	63.4	88.2	93.9	95.4	98.0	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	63.4	88.2	93.9	96.4	98.0	98.3	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-57

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING ≥ 20000	33.2	41.5	43.1	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 18000	38.6	48.7	50.2	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 16000	40.1	50.4	52.1	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 14000	40.4	51.1	52.9	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 12000	40.9	51.7	53.6	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 10000	42.1	53.0	54.8	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 9000	43.4	56.7	58.7	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 8000	47.6	59.3	61.3	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 7000	51.9	65.3	67.2	68.0	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 6000	53.1	67.4	69.7	70.4	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	53.6	68.7	70.9	71.7	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4500	55.8	71.9	74.4	75.1	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4000	57.3	73.3	76.1	76.9	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 3500	59.1	75.8	78.8	79.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 3000	59.8	77.4	80.1	80.9	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	62.2	82.3	85.2	86.1	86.6	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2000	64.3	85.4	88.6	89.7	90.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	65.7	88.2	91.7	92.9	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1600	65.9	88.4	91.9	93.2	94.1	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1400	66.1	89.3	93.0	94.3	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	66.1	89.6	93.4	94.9	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	66.3	90.0	94.0	95.6	96.9	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	66.3	90.0	94.0	95.6	96.9	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	66.4	90.3	94.3	95.9	97.6	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	66.5	90.4	94.4	96.0	97.8	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	66.5	90.5	94.5	96.1	98.1	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	66.5	90.6	94.6	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

4/57

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .7	≥ .56	≥ .4	≥ .3
NO CEILING	25.0	43.1	46.5	49.4	50.3	50.3	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	27.0	46.5	50.0	52.9	53.8	53.8	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
IV 18000	27.6	47.4	50.9	53.9	54.8	54.8	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
IV 16000	27.7	47.7	51.2	54.1	55.1	55.1	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
IV 14000	27.9	48.0	51.4	54.4	55.4	55.4	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
IV 12000	28.8	48.9	52.4	55.4	56.4	56.4	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
IV 10000	30.6	51.7	55.4	58.6	59.5	59.5	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 9000	31.9	54.3	58.2	61.4	62.4	62.4	62.8	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000	33.2	58.2	62.3	65.5	66.7	66.7	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	34.3	60.2	64.6	67.9	69.3	69.3	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	35.0	61.6	66.0	69.3	70.9	70.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
IV 5000	36.2	64.7	69.9	73.6	75.0	75.0	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 4500	37.2	66.4	71.8	75.8	77.2	77.2	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 4000	39.2	69.2	74.9	78.9	80.7	80.7	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
IV 3500	40.8	72.1	78.0	82.2	83.9	84.0	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
IV 3000	42.7	76.0	82.3	86.7	88.5	88.5	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	43.4	77.9	84.4	89.1	91.1	91.2	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	43.8	79.1	85.8	91.0	93.4	93.6	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	43.8	79.2	85.9	91.4	93.8	94.0	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	43.8	79.3	86.2	92.1	94.7	94.9	96.4	96.7	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3
IV 1200	43.8	79.6	86.8	92.7	95.4	95.6	97.2	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	43.8	79.8	87.0	93.0	95.7	96.0	97.7	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	43.8	79.8	87.0	93.0	95.8	96.1	98.0	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1038

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168

ERDING GERMANY AIR STATION

46-27

SE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	19.1	41.5	46.1	51.4	54.3	54.5	55.3	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 20000	19.6	42.8	47.7	53.0	56.1	56.4	57.2	57.7	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 18000	19.9	43.1	48.0	53.3	56.4	56.7	57.4	58.0	58.2	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 16000	20.0	43.3	48.2	53.5	56.6	56.9	57.6	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 14000	20.0	43.3	48.2	53.5	56.6	56.9	57.6	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 12000	20.5	43.8	48.6	54.0	57.1	57.4	58.1	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.3	59.3
≥ 10000	21.5	45.6	50.9	56.3	59.5	59.8	60.5	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 9000	21.9	46.3	51.8	57.3	60.4	60.7	61.6	62.2	62.5	62.8	62.8	62.8	62.8	62.8	62.9	62.9
≥ 8000	24.4	50.8	56.5	62.2	65.5	65.8	67.0	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 7000	26.6	54.8	60.7	66.6	70.4	70.8	72.1	72.7	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 6000	27.6	56.8	62.8	68.9	72.6	73.0	74.4	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 5000	29.3	60.4	67.3	73.7	77.5	77.9	79.2	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 4500	30.0	62.1	69.2	75.7	79.5	79.9	81.2	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 4000	30.4	63.9	71.2	77.9	81.6	82.0	83.6	84.1	84.5	84.8	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3500	31.1	65.8	73.5	80.3	84.2	84.6	86.2	86.8	87.1	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 3000	32.6	69.6	76.1	83.5	87.6	88.0	89.6	90.1	90.5	90.8	91.0	91.0	91.0	91.0	91.1	91.1
≥ 2500	32.7	70.6	79.4	87.8	92.3	92.7	94.5	95.3	95.6	96.0	96.1	96.1	96.1	96.1	96.2	96.2
≥ 2000	32.8	70.8	79.8	88.5	93.2	93.7	95.9	96.6	97.0	97.4	97.5	97.5	97.5	97.5	97.6	97.6
≥ 1800	32.9	71.3	80.3	89.2	94.0	94.5	97.0	97.8	98.2	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1600	32.9	71.3	80.3	89.2	94.0	94.5	97.0	97.8	98.2	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1400	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1200	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1000	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 900	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 800	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 700	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	32.9	71.4	80.4	89.4	94.5	95.0	97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1034

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

24168 BRDING GERMANY AFS STATION

46-57

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	3.2	17.8	22.8	30.8	33.8	36.5	39.2	40.8	40.9	42.8	43.5	43.7	44.7	45.2	45.9	47.4
≥ 20000	2.6	18.9	25.9	32.6	37.6	28.5	41.4	42.8	43.1	44.7	45.8	46.0	47.0	47.5	47.9	48.6
≥ 18000	3.6	19.0	25.0	32.7	37.7	38.8	41.5	42.9	43.2	44.8	45.9	46.1	47.1	47.6	48.0	48.9
≥ 16000	3.6	19.0	25.7	32.8	37.8	38.8	41.9	43.2	43.6	45.2	46.4	46.5	47.5	48.1	48.4	49.3
≥ 14000	3.6	19.3	26.0	33.1	38.1	39.0	42.4	43.8	44.1	46.3	47.2	47.3	48.3	48.8	49.2	51.1
≥ 12000	3.6	19.7	26.4	33.5	38.5	39.5	42.9	44.3	44.7	46.7	47.9	48.1	49.1	49.6	50.0	51.5
≥ 10000	4.2	20.8	27.1	34.4	39.4	40.4	44.1	45.9	45.8	46.0	49.1	49.3	50.3	50.9	51.2	53.2
≥ 9000	4.7	21.6	28.7	36.2	41.2	42.2	45.9	47.5	47.6	49.8	50.9	51.1	52.1	52.7	53.0	55.0
≥ 8000	4.9	23.2	30.5	38.3	41.7	41.7	46.7	50.0	50.4	52.6	53.7	53.9	54.9	55.4	55.8	57.6
≥ 7000	5.7	25.1	33.0	40.9	46.4	47.3	51.4	52.7	53.1	55.5	56.8	57.0	58.0	58.6	58.9	60.9
≥ 6000	5.9	26.4	34.7	42.9	48.7	49.7	53.7	55.1	55.5	58.0	59.2	59.4	60.5	61.0	61.4	63.3
≥ 5000	6.2	27.4	36.0	44.8	50.9	51.8	56.0	57.3	57.8	60.2	61.5	61.6	62.7	63.2	63.6	65.6
≥ 4500	6.4	28.8	37.0	46.0	52.0	53.0	57.1	58.5	58.9	61.5	62.8	63.0	64.1	64.6	65.0	66.9
≥ 4000	7.1	29.4	38.5	48.2	54.4	55.1	59.7	61.2	61.6	64.2	65.3	65.7	66.8	67.3	67.7	69.8
≥ 3500	7.3	30.5	39.8	49.7	56.1	57.1	61.5	63.0	63.4	66.1	67.4	67.6	68.6	69.2	69.5	71.5
≥ 3000	7.0	31.8	41.7	52.2	58.8	59.8	64.4	65.9	66.6	69.3	70.5	70.7	71.8	72.3	72.7	74.7
≥ 2500	7.9	32.5	42.9	54.0	60.8	61.8	66.6	68.2	68.6	71.5	72.5	72.8	73.8	74.0	74.5	76.5
≥ 2000	8.0	33.2	44.1	56.0	63.1	64.1	69.6	71.3	72.2	74.9	76.2	76.5	77.5	78.2	78.5	80.5
≥ 1800	8.0	33.5	44.5	56.7	63.4	64.4	70.5	72.3	73.2	75.9	77.2	77.5	78.5	79.2	79.5	81.5
≥ 1500	8.0	34.0	45.4	57.8	65.4	66.4	72.1	74.0	74.9	77.8	79.2	79.6	80.8	81.4	81.8	83.7
≥ 1000	8.0	34.3	45.9	58.7	66.3	67.3	73.2	75.1	76.1	79.1	80.2	80.6	81.8	82.4	82.8	84.8
≥ 900	8.0	34.9	46.5	59.7	67.4	68.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 800	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 700	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 600	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 500	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 400	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 300	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 200	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 100	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4
≥ 0	8.0	35.4	46.7	59.9	68.4	69.4	73.8	75.7	76.7	80.7	81.8	82.2	83.4	84.0	84.4	86.4

TOTAL NUMBER OF OBSERVATIONS 1113

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	2.9	13.9	18.5	22.8	27.6	28.1	31.3	32.6	33.2	35.2	35.9	36.1	36.7	37.5	37.9	40.7
≥ 20000	3.0	14.4	19.4	24.0	28.9	29.7	33.1	34.4	34.9	37.2	38.0	38.2	38.8	39.5	40.0	42.7
IV 18000	3.0	14.5	19.4	24.1	29.0	29.9	33.2	34.5	35.0	37.3	38.1	38.3	38.9	39.6	40.1	42.8
IV 16000	3.1	14.7	19.6	24.3	29.2	30.0	33.4	34.8	35.3	37.5	38.4	38.5	39.2	39.9	40.3	43.1
IV 14000	3.1	14.7	19.6	24.3	29.2	30.1	33.5	34.9	35.4	37.7	38.6	38.8	39.5	40.2	40.7	43.5
IV 12000	3.1	15.2	20.3	25.1	30.3	31.3	34.7	36.0	36.6	39.0	39.9	40.1	40.8	41.5	41.9	44.7
IV 10000	3.3	15.9	21.1	26.0	31.4	32.3	35.8	37.3	37.8	40.2	41.1	41.4	42.1	42.8	43.4	46.1
IV 9000	3.4	16.8	22.4	27.5	32.9	33.9	37.5	38.9	39.4	41.9	42.8	43.1	43.8	44.5	45.1	47.8
IV 8000	3.9	18.9	24.8	30.4	36.0	37.0	41.0	42.3	43.0	45.5	46.8	47.0	47.8	48.6	49.1	52.0
IV 7000	4.2	20.1	26.6	32.3	38.3	39.2	43.3	44.7	45.3	47.8	49.2	49.5	50.2	51.0	51.5	54.4
IV 6500	4.5	21.0	27.9	34.0	40.2	41.2	45.3	46.7	47.2	49.7	51.2	51.4	52.2	53.0	53.5	56.4
IV 6000	5.0	22.8	30.2	36.8	43.4	44.4	48.5	49.9	50.4	53.0	54.4	54.7	55.4	56.2	56.7	59.6
IV 5500	5.0	23.3	30.7	37.3	44.1	45.1	49.2	50.6	51.2	53.8	55.2	55.5	56.3	57.1	57.6	60.5
IV 5000	5.3	24.1	31.8	38.7	45.8	46.8	51.0	52.4	53.0	55.6	57.0	57.3	58.1	58.9	59.4	62.3
IV 4500	5.7	25.4	33.2	40.4	47.8	48.7	53.1	54.6	55.1	57.8	59.2	59.5	60.3	61.1	61.6	64.5
IV 4000	5.7	26.6	34.7	41.8	49.2	50.3	55.2	56.6	57.2	59.9	61.4	61.6	62.3	63.3	63.8	66.7
IV 3500	5.9	27.4	36.4	43.3	52.6	53.7	58.9	60.6	61.1	63.8	65.2	65.6	66.4	67.2	67.7	70.6
IV 3000	6.1	28.9	38.3	47.0	55.6	56.7	62.1	64.0	64.8	67.6	69.3	69.5	70.3	71.1	71.7	74.6
IV 2500	6.1	29.0	38.7	47.2	56.0	57.3	62.6	64.5	65.3	68.1	69.8	70.1	70.9	71.7	72.2	75.1
IV 2000	6.1	29.7	40.0	49.2	58.4	59.8	65.1	67.3	68.2	71.1	72.6	73.0	73.8	74.6	75.2	78.0
IV 1800	6.1	30.4	41.2	50.9	60.2	62.0	67.5	69.7	70.6	73.5	75.2	75.4	76.3	77.1	77.6	80.5
IV 1600	6.1	31.3	42.1	52.1	61.6	63.7	69.3	72.3	73.2	76.3	78.0	78.3	79.4	80.2	80.7	83.6
IV 1400	6.1	31.4	42.2	52.2	61.7	63.9	69.7	72.5	73.4	76.5	78.3	78.5	79.7	80.5	81.0	83.9
IV 1200	6.1	31.4	42.2	52.2	61.9	64.2	70.2	72.9	73.8	77.0	78.8	79.1	80.3	81.3	81.8	84.7
IV 1000	6.1	31.4	42.2	52.2	63.1	65.3	71.4	74.2	75.1	78.3	80.1	80.4	81.7	82.5	83.1	86.0
IV 900	6.1	31.5	42.4	52.4	63.3	65.5	72.0	74.8	75.0	78.6	80.6	81.5	82.8	83.6	84.2	87.1
IV 800	6.1	31.5	42.4	52.4	63.9	66.3	73.2	76.3	77.2	81.2	83.2	83.5	84.7	85.5	86.1	89.0
IV 700	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 600	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 500	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 400	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 300	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 200	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 100	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3
IV 0	6.1	31.5	42.4	52.7	63.9	66.3	73.4	76.5	77.8	82.3	84.7	85.2	86.6	87.7	88.4	91.3

TOTAL NUMBER OF OBSERVATIONS 1116



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34169  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	5.2	12.5	14.7	17.0	19.0	20.0	21.8	22.4	22.9	23.7	23.9	24.1	24.8	24.9	25.3	28.3
≥ 20000	6.3	15.2	18.0	20.6	22.9	23.9	25.9	26.7	27.3	28.1	28.7	28.9	29.7	30.0	30.5	33.7
≥ 18000	6.4	15.5	18.3	20.9	23.2	24.2	26.4	27.2	27.7	28.3	29.1	29.2	29.4	30.2	30.6	31.0
≥ 16000	6.5	15.8	18.7	21.3	23.8	24.8	26.9	27.7	28.3	29.1	29.3	30.0	30.8	31.1	31.6	34.8
≥ 14000	6.8	16.1	19.0	21.7	24.1	25.1	27.3	28.1	28.6	29.4	30.1	30.3	31.1	31.5	31.9	35.2
≥ 12000	6.9	16.6	19.5	22.5	25.2	26.4	28.5	29.4	30.0	30.9	31.6	31.8	32.9	33.3	33.7	37.0
≥ 10000	7.1	18.0	21.1	24.3	27.2	28.4	30.9	31.8	32.4	33.4	34.1	34.2	35.4	35.8	36.4	39.8
≥ 9000	7.4	19.1	22.3	25.9	29.0	30.3	32.8	33.8	34.4	35.4	36.1	36.4	37.6	37.9	38.6	42.1
≥ 8000	8.4	21.3	24.8	29.0	32.4	33.9	36.7	37.8	38.5	39.3	40.4	40.6	41.8	42.2	42.8	46.4
≥ 7000	8.8	22.2	25.7	30.0	33.4	35.0	37.9	39.1	39.8	41.0	42.1	42.3	43.5	43.9	44.5	48.1
≥ 6000	9.1	23.0	26.8	31.1	34.7	36.3	39.3	40.6	41.3	42.6	43.7	43.9	45.1	45.5	46.1	49.7
≥ 5000	10.0	24.5	28.3	32.6	36.4	38.2	41.3	42.5	43.2	44.8	45.8	46.1	47.2	47.7	48.3	51.9
≥ 4500	10.1	25.5	29.2	33.6	37.3	39.3	42.3	43.6	44.4	45.9	47.1	47.4	48.3	49.0	49.6	53.2
≥ 4000	10.4	27.0	30.8	35.9	40.4	42.2	45.2	46.5	47.3	49.0	50.2	50.5	51.7	52.1	52.7	56.3
≥ 3500	10.9	28.0	31.8	37.0	41.8	43.6	46.7	48.0	48.8	50.7	51.9	52.2	53.4	53.8	54.4	58.1
≥ 3000	11.8	30.0	34.3	39.6	44.8	46.9	50.0	51.6	52.5	54.8	56.3	56.6	57.8	58.3	58.9	62.5
≥ 2500	12.1	31.5	36.3	42.2	47.4	49.7	52.8	55.2	56.2	58.7	60.2	60.4	61.7	62.2	62.8	66.5
≥ 2000	12.5	32.9	38.0	44.3	49.7	51.9	55.0	57.9	59.3	61.9	63.5	63.8	65.0	65.5	66.1	69.8
≥ 1800	12.6	33.3	38.4	44.8	50.2	52.5	55.6	58.6	59.9	62.5	64.1	64.4	65.7	66.1	66.7	70.4
≥ 1500	12.7	33.9	39.3	46.1	52.0	54.3	58.8	61.0	62.4	65.0	66.7	67.0	68.3	68.7	69.3	73.0
≥ 1200	13.1	34.5	40.4	47.4	53.7	56.4	61.5	63.9	65.4	68.2	69.9	70.1	71.4	71.8	72.5	76.1
≥ 1000	13.2	35.2	41.2	48.4	55.4	58.2	63.4	66.1	67.5	70.8	72.8	73.1	74.4	74.9	75.6	79.2
≥ 900	13.4	35.4	41.4	48.7	55.6	58.7	63.9	66.8	68.3	71.6	73.7	74.0	75.4	75.9	76.6	80.3
≥ 800	13.4	35.4	41.4	48.9	56.1	59.0	64.3	68.0	69.6	73.0	75.2	75.5	77.1	77.7	78.4	82.2
≥ 700	13.5	35.5	41.6	49.1	56.4	59.6	65.7	69.2	70.9	74.7	77.1	77.4	79.0	79.6	80.4	84.1
≥ 600	13.5	35.7	41.9	49.3	56.8	60.0	66.1	69.8	71.5	75.7	78.3	78.6	80.3	81.0	81.7	85.5
≥ 500	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.4	72.4	77.0	80.1	80.4	82.2	83.0	83.8	87.7
≥ 400	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.6	72.6	77.5	80.5	81.1	83.1	83.9	84.8	88.9
≥ 300	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.6	72.7	77.5	81.1	81.7	83.9	84.8	85.7	89.9
≥ 200	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.7	72.8	77.5	81.3	82.1	84.2	85.4	86.3	91.7
≥ 100	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.7	72.8	77.5	81.3	82.1	84.2	85.4	86.3	91.7
≥ 0	13.5	35.7	41.9	49.4	56.9	60.2	66.3	70.7	72.8	77.5	81.3	82.1	84.4	85.7	86.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34163 ERDING GERMANY AIR STATION

46-57

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	10.2	21.7	24.7	27.6	30.1	31.7	32.3	32.7	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.8
≥ 20000	11.3	24.5	27.7	30.7	33.3	35.3	36.0	36.4	36.7	36.7	36.9	37.2	37.2	37.2	37.2	37.7
IV 18000	11.8	25.1	28.5	31.4	34.1	36.1	36.8	37.3	37.5	37.5	37.7	38.0	38.0	38.0	38.0	38.5
IV 16000	12.1	25.4	28.7	31.8	34.5	36.5	37.3	37.7	38.0	38.0	38.2	38.4	38.4	38.4	38.4	39.0
IV 14000	12.1	25.5	28.8	31.9	34.6	36.6	37.3	37.8	38.1	38.1	38.2	38.5	38.5	38.5	38.5	39.0
IV 12000	12.4	26.6	29.9	32.9	35.8	38.0	38.7	39.2	39.5	39.6	39.8	40.0	40.0	40.0	40.0	40.6
IV 10000	13.0	28.5	32.5	35.6	38.5	40.7	41.4	42.1	42.4	42.5	42.7	43.0	43.0	43.0	43.1	43.6
IV 9000	13.3	29.6	33.9	37.5	40.4	42.5	43.4	44.1	44.3	44.4	44.7	45.0	45.0	45.0	45.1	45.6
IV 8000	14.1	31.5	36.1	39.9	43.3	45.5	46.5	47.2	47.5	47.7	47.9	48.2	48.2	48.2	48.3	48.8
IV 7000	15.2	32.9	37.5	41.6	44.9	47.2	48.2	48.9	49.2	49.4	49.6	49.9	49.9	50.0	50.1	50.6
IV 6000	15.9	34.3	39.0	43.3	46.9	49.3	50.3	51.0	51.3	51.4	51.7	52.0	52.0	52.1	52.2	52.7
IV 5000	16.0	34.8	39.7	44.1	47.8	50.3	51.3	52.0	52.2	52.4	52.7	53.0	53.0	53.1	53.1	53.7
IV 4500	16.1	35.5	40.4	44.9	48.5	51.3	52.3	53.1	53.3	53.5	53.8	54.0	54.0	54.1	54.2	54.8
IV 4000	16.8	36.6	42.0	46.7	51.1	53.5	54.5	55.2	55.6	55.7	56.0	56.3	56.3	56.4	56.5	57.0
IV 3500	17.7	37.9	43.3	48.1	52.7	55.3	56.6	57.3	57.8	58.0	58.3	58.5	58.5	58.6	58.7	59.2
IV 3000	18.6	40.0	45.5	50.6	55.5	58.3	60.1	60.9	61.5	61.8	62.0	62.3	62.3	62.4	62.5	63.0
IV 2500	20.4	43.1	48.7	53.9	59.2	62.1	63.8	64.6	65.3	65.5	65.8	66.1	66.1	66.2	66.2	66.8
IV 2000	20.6	44.2	50.1	55.8	61.5	64.6	66.5	67.7	68.2	68.7	68.9	69.2	69.2	69.3	69.4	69.9
IV 1800	21.1	44.8	50.7	56.5	62.3	65.4	67.3	68.5	69.1	69.5	69.7	70.0	70.0	70.1	70.2	70.7
IV 1500	21.9	46.1	52.3	58.9	63.3	66.5	70.8	72.1	72.7	73.2	73.5	73.8	73.8	73.9	74.0	74.5
IV 1200	22.5	47.6	53.9	60.8	67.4	71.1	73.7	75.0	75.6	76.2	76.5	76.8	76.8	76.8	76.9	77.5
IV 1000	23.1	48.8	55.1	62.7	69.6	73.4	76.4	78.0	78.6	79.3	79.9	80.2	80.2	80.3	80.3	80.9
IV 900	23.2	49.3	55.6	63.5	70.4	74.3	77.4	79.2	79.8	80.3	81.2	81.5	81.7	81.8	81.9	82.4
IV 800	23.4	49.9	56.6	64.6	71.9	75.9	79.2	81.3	82.0	82.8	83.7	83.9	84.1	84.2	84.3	84.8
IV 700	23.5	50.4	57.3	65.5	73.3	77.6	81.4	84.1	84.8	85.6	87.1	87.3	87.5	87.6	87.7	88.2
IV 600	23.5	50.4	57.4	65.8	73.8	78.1	82.2	85.4	85.1	87.4	88.5	88.8	89.1	89.2	89.2	89.9
IV 500	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8
IV 400	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8
IV 300	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8
IV 200	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8
IV 100	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8
IV 0	23.5	50.4	57.4	66.0	74.3	78.8	83.4	86.8	87.3	89.2	90.4	92.3	92.6	93.6	94.1	94.8

TOTAL NUMBER OF OBSERVATIONS 1114

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46m

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.3	31.8	34.4	36.7	38.6	39.2	39.7	40.0	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
IV 18000	22.3	36.4	39.9	42.7	44.9	45.8	46.4	46.7	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0
IV 16000	23.9	38.0	41.7	44.4	46.7	47.6	48.2	48.5	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9
IV 14000	24.0	38.1	41.8	44.5	46.8	47.7	48.3	48.6	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0
IV 12000	24.2	38.4	42.0	44.9	47.1	48.0	48.7	48.9	49.0	49.2	49.3	49.4	49.4	49.4	49.4	49.4
IV 10000	24.6	39.6	43.3	46.2	48.5	49.4	50.0	50.3	50.4	50.5	50.6	50.7	50.7	50.7	50.7	50.7
IV 9000	25.0	40.9	44.7	47.9	50.4	51.3	52.2	52.5	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.0
IV 8000	25.6	42.5	46.4	49.6	52.2	53.0	53.9	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7
IV 7000	26.9	44.4	48.7	52.2	55.0	56.0	57.3	57.6	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1
IV 6000	27.6	45.5	50.1	53.7	56.5	57.5	58.8	59.1	59.2	59.6	59.7	59.8	59.8	59.8	59.8	59.8
IV 5000	28.3	46.4	51.2	54.7	57.6	58.6	59.9	60.2	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8
IV 4500	29.4	47.8	53.8	56.5	59.3	60.3	61.6	61.9	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5
IV 4000	30.0	48.8	53.9	57.9	61.0	62.0	63.3	63.6	63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2
IV 3500	30.8	50.0	55.3	59.2	62.4	63.4	64.6	65.1	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7
IV 3000	32.1	51.5	56.8	60.9	64.2	65.1	66.4	66.8	66.9	67.3	67.4	67.5	67.5	67.5	67.5	67.5
IV 2500	34.6	55.8	61.8	66.2	69.6	70.8	72.1	72.6	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2
IV 2000	37.4	60.3	66.6	71.4	75.0	76.2	77.5	78.0	78.0	78.4	78.5	78.6	78.6	78.6	78.6	78.6
IV 1800	37.8	62.2	68.5	73.6	77.7	78.9	80.4	80.8	80.9	81.3	81.4	81.5	81.5	81.5	81.5	81.5
IV 1500	38.0	62.5	68.9	73.9	78.3	79.5	81.0	81.5	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1
IV 1200	38.4	63.6	70.6	76.6	81.6	82.8	84.4	84.9	85.0	85.4	85.7	85.8	85.8	85.8	85.8	85.8
IV 1000	38.9	64.9	72.2	78.8	84.0	85.1	87.2	87.9	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7
IV 900	39.2	65.8	73.1	80.1	85.7	86.9	89.2	90.1	90.1	90.7	90.8	90.9	90.9	90.9	90.9	90.9
IV 800	39.2	66.0	73.4	80.4	86.2	87.5	90.1	91.1	91.2	91.8	91.9	92.0	92.0	92.0	92.0	92.0
IV 700	39.2	66.4	73.9	81.0	87.0	88.4	91.4	92.6	92.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5
IV 600	39.2	66.5	74.0	81.7	88.0	89.4	92.7	94.2	94.3	95.2	95.3	95.4	95.4	95.4	95.4	95.4
IV 500	39.2	66.5	74.1	82.3	88.5	90.1	93.7	95.3	95.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7
IV 400	39.2	66.6	74.1	82.4	88.8	90.4	94.4	96.1	96.3	97.6	97.8	98.0	98.0	98.0	98.0	98.0
IV 300	39.2	66.6	74.1	82.4	88.8	90.4	94.4	96.3	96.5	98.0	98.3	98.6	98.6	98.6	98.6	98.6
IV 200	39.2	66.6	74.1	82.4	88.8	90.4	94.4	96.3	96.5	98.2	98.7	99.0	99.2	99.6	99.6	99.8
IV 100	39.2	66.6	74.1	82.4	88.8	90.4	94.4	96.3	96.5	98.2	98.7	99.0	99.3	99.6	99.6	99.8
IV 0	39.2	66.6	74.1	82.4	88.8	90.4	94.4	96.3	96.5	98.2	98.7	99.0	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

CCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	21.5	30.9	34.6	37.3	39.8	40.8	41.6	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.4
≥ 20000	24.6	36.2	40.6	44.0	46.9	47.9	49.1	49.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.4
IV 18000	25.7	38.3	42.7	46.2	49.1	50.0	51.3	52.0	52.1	52.3	52.5	52.5	52.5	52.5	52.5	52.6
IV 16000	25.9	38.6	43.0	46.5	49.4	50.5	51.7	52.5	52.6	52.7	52.9	52.9	52.9	52.9	52.9	53.0
IV 14000	26.1	38.8	43.3	46.8	49.7	50.8	52.1	52.8	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.4
IV 12000	27.3	40.6	45.1	48.8	51.7	52.7	54.2	55.0	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.5
IV 10000	27.9	42.5	47.3	51.3	54.4	55.6	57.0	57.8	57.9	58.3	58.5	58.5	58.5	58.5	58.5	58.6
IV 9000	28.2	43.2	48.3	52.4	55.8	57.0	58.5	59.3	59.4	59.7	59.9	59.9	59.9	59.9	59.9	60.0
IV 8000	29.9	45.9	51.1	55.5	59.3	60.5	62.2	63.0	63.2	63.7	63.9	63.9	63.9	63.9	63.9	63.9
IV 7000	31.1	48.4	54.0	58.4	62.2	63.4	65.1	66.3	66.5	67.1	67.3	67.3	67.3	67.3	67.3	67.4
IV 6000	32.0	49.9	55.6	60.1	63.9	65.1	66.8	68.0	68.3	68.8	69.0	69.0	69.0	69.0	69.0	69.1
IV 5000	32.5	50.8	56.8	61.7	65.5	66.7	68.5	69.7	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.8
IV 4500	32.9	51.6	57.6	62.6	66.4	67.6	69.4	70.6	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.7
IV 4000	34.4	54.0	60.5	65.7	69.4	70.7	72.6	73.8	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.9
IV 3500	35.4	55.6	62.3	67.7	71.5	72.8	74.7	76.0	76.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0
IV 3000	37.7	59.0	66.0	71.5	75.3	76.7	78.6	79.8	80.1	80.6	80.8	80.8	80.8	80.8	80.8	80.9
IV 2500	38.4	60.9	68.4	74.2	78.2	79.6	81.6	82.9	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9
IV 2000	38.9	62.2	70.2	76.2	80.5	82.0	84.0	85.6	85.8	86.4	86.5	86.5	86.5	86.5	86.5	86.6
IV 1800	39.0	62.7	70.7	76.7	81.0	82.4	84.3	86.0	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.1
IV 1500	39.4	63.7	72.0	78.4	83.4	84.8	87.1	88.9	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0
IV 1200	39.5	64.2	72.9	79.6	84.9	86.3	89.1	91.2	91.5	92.2	92.4	92.4	92.4	92.4	92.4	92.5
IV 1000	39.5	64.2	73.3	80.4	86.0	87.6	90.3	92.5	92.7	93.9	94.3	94.3	94.3	94.3	94.3	94.4
IV 900	39.5	64.3	73.5	80.6	86.3	87.9	90.6	92.7	93.0	94.3	94.6	94.6	94.6	94.6	94.6	94.8
IV 800	39.5	64.3	73.5	80.8	86.5	88.2	91.1	93.3	93.5	94.8	95.2	95.2	95.2	95.2	95.2	95.3
IV 700	39.5	64.3	73.5	80.8	86.5	88.3	91.4	93.6	94.2	95.4	95.8	95.8	95.8	95.8	95.8	96.0
IV 600	39.5	64.5	73.6	81.3	86.9	88.8	91.9	94.2	94.7	96.0	96.3	96.4	96.4	96.4	96.4	96.5
IV 500	39.5	64.6	73.7	81.4	87.2	89.1	92.4	94.6	95.2	96.4	96.8	96.8	96.8	96.8	96.8	97.1
IV 400	39.5	64.8	74.0	81.8	87.3	89.4	92.8	95.2	95.7	97.0	97.4	97.4	97.4	97.4	97.4	98.0
IV 300	39.5	64.8	74.0	81.8	87.6	89.5	92.9	95.2	95.8	97.0	97.7	97.7	97.7	97.7	97.7	98.6
IV 200	39.5	64.8	74.0	81.8	87.6	89.5	92.9	95.2	95.8	97.0	97.9	98.2	98.3	98.3	98.6	98.9
IV 100	39.5	64.8	74.0	81.8	87.6	89.5	92.9	95.2	95.8	97.0	97.9	98.2	98.3	98.4	98.7	99.1
IV 0	39.5	64.8	74.0	81.8	87.6	89.5	92.9	95.2	95.8	97.0	97.9	98.2	98.3	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-57

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ 0.8	≥ 0.6	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0
NO CEILING ≥ 20000	11.8	30.6	34.8	43.5	43.7	44.9	47.7	48.5	48.9	50.3	50.5	50.5	51.0	51.0	51.0	51.5
IV 19000	12.6	33.2	37.9	43.9	47.7	49.0	51.8	52.6	53.1	54.7	54.9	54.9	55.4	55.4	55.4	55.9
IV 16000	12.6	33.3	38.0	44.0	47.8	49.1	51.9	52.7	53.2	54.8	55.0	55.0	55.5	55.5	55.5	56.0
IV 14000	12.6	33.3	38.1	44.1	47.9	49.1	52.0	52.8	53.3	54.9	55.1	55.1	55.6	55.6	55.6	56.1
IV 12000	12.7	33.6	38.6	44.7	48.4	49.7	52.6	53.4	53.8	55.4	55.6	55.6	56.1	56.1	56.1	56.6
IV 10000	13.5	35.1	40.4	47.1	51.0	52.3	55.4	56.0	56.4	58.0	58.2	58.2	58.7	58.7	58.7	59.2
IV 9000	14.1	36.3	41.9	48.7	52.9	54.3	57.2	58.2	58.7	60.3	60.4	60.4	61.0	61.0	61.0	61.4
IV 8000	14.7	37.9	43.9	51.4	56.1	57.3	60.6	61.6	62.1	63.9	64.1	64.1	64.7	64.7	64.7	65.1
IV 7000	15.7	39.3	45.9	53.5	58.4	59.9	63.0	64.1	64.7	66.5	66.7	66.7	67.3	67.3	67.3	67.7
IV 6000	15.9	40.4	46.8	54.7	59.8	61.3	64.5	65.6	66.1	68.0	68.2	68.2	68.7	68.7	68.7	69.1
IV 5000	16.3	41.4	48.1	56.0	61.2	62.7	65.9	67.0	67.5	69.4	69.6	69.6	70.1	70.1	70.1	70.6
IV 4500	17.0	42.7	49.6	57.8	63.0	64.6	67.8	69.0	69.5	71.4	71.6	71.6	72.1	72.1	72.1	72.6
IV 4000	17.5	44.0	51.1	59.9	65.1	66.6	70.0	71.3	72.0	73.9	74.1	74.1	74.6	74.6	74.6	75.1
IV 3500	17.7	43.1	52.2	61.3	66.7	68.3	71.7	73.2	73.7	75.6	75.8	75.8	76.3	76.3	76.3	76.8
IV 3000	18.3	46.6	54.4	64.6	70.4	72.1	75.6	77.2	77.8	79.6	79.8	79.8	80.4	80.4	80.4	80.8
IV 2500	18.7	48.0	57.0	67.3	73.8	75.6	79.3	81.1	81.6	83.5	83.7	83.7	84.2	84.2	84.2	84.7
IV 2000	19.3	49.3	59.4	69.8	76.9	78.7	82.4	84.3	84.8	86.8	87.1	87.1	87.6	87.6	87.6	88.1
IV 1800	19.3	49.4	59.5	70.0	77.0	78.5	82.6	84.5	85.0	87.0	87.3	87.3	87.8	87.8	87.8	88.3
IV 1500	19.3	49.8	60.0	71.0	78.7	80.3	84.8	86.7	87.4	89.5	89.9	89.9	90.4	90.4	90.4	90.9
IV 1200	19.3	50.2	60.6	71.9	79.8	81.8	86.2	88.1	88.8	90.9	91.2	91.2	91.7	91.7	91.7	92.2
IV 1000	19.3	50.3	61.0	72.5	80.4	82.4	86.8	88.8	89.5	91.8	92.5	92.6	93.2	93.2	93.2	93.6
IV 900	19.3	50.3	61.0	72.5	80.4	82.4	86.8	88.8	89.5	91.8	92.5	92.6	93.2	93.2	93.2	93.6
IV 800	19.3	50.3	61.2	72.6	80.6	82.7	87.2	89.4	90.1	92.6	93.3	93.4	94.0	94.0	94.0	94.4
IV 700	19.3	50.3	61.2	72.6	80.6	82.8	87.4	89.6	90.3	92.9	93.6	93.7	94.3	94.3	94.3	94.8
IV 600	19.3	50.3	61.2	72.6	80.7	82.9	87.6	89.9	90.8	93.4	94.2	94.3	94.9	94.9	94.9	95.3
IV 500	19.3	50.3	61.2	72.6	80.7	82.9	87.7	90.0	90.9	93.5	94.4	94.5	95.2	95.2	95.2	95.6
IV 400	19.3	50.3	61.3	72.7	80.8	83.0	88.0	90.3	91.4	94.1	95.0	95.2	96.0	96.1	96.1	96.8
IV 300	19.3	50.3	61.3	72.7	80.8	83.0	88.1	90.6	91.5	94.3	95.3	95.8	96.8	96.9	97.0	97.7
IV 200	19.3	50.3	61.3	72.7	80.8	83.0	88.1	90.6	91.5	94.3	95.3	95.8	96.8	96.9	97.0	97.7
IV 100	19.3	50.3	61.3	72.7	80.8	83.0	88.1	90.6	91.5	94.3	95.3	95.8	96.8	96.9	97.0	97.7
IV 0	19.3	50.3	61.3	72.7	80.8	83.0	88.1	90.6	91.5	94.3	95.3	95.8	96.8	96.9	97.0	97.7

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-57  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	6.8	25.3	30.5	37.3	41.6	42.4	45.9	47.3	47.5	48.4	49.2	49.3	50.1	50.5	50.6	52.1
≥ 20000	7.5	26.8	32.3	39.4	44.1	44.9	48.4	50.0	50.2	51.3	52.4	52.5	53.3	53.6	53.7	55.3
IV 18000	7.5	26.8	32.5	39.5	44.3	45.1	48.6	50.1	50.5	51.7	52.6	52.7	53.5	53.8	53.9	55.4
IV 16000	7.5	26.8	32.5	39.7	44.5	45.3	48.8	50.3	50.7	51.8	52.7	52.8	53.6	54.0	54.1	55.6
IV 14000	7.5	26.8	32.5	39.7	44.5	45.3	48.8	50.4	50.8	51.9	52.8	52.9	53.7	54.1	54.2	55.7
IV 12000	7.5	27.0	32.8	40.1	45.0	45.9	49.5	51.3	51.7	52.8	53.7	53.8	54.6	55.0	55.1	56.6
IV 10000	7.6	27.6	33.9	41.3	46.9	47.8	51.5	53.3	53.6	54.8	55.7	55.8	56.6	57.0	57.1	58.7
IV 9000	7.8	29.1	35.6	43.0	48.8	49.7	53.5	55.3	55.6	56.8	57.7	57.8	58.6	59.9	59.0	60.6
IV 8000	8.0	30.7	37.6	45.5	51.3	52.2	56.0	57.8	58.1	59.3	60.2	60.3	61.1	61.5	61.5	63.2
IV 7000	8.4	32.9	40.3	48.5	54.6	55.5	59.3	61.1	61.5	62.6	63.5	63.6	64.4	64.8	64.9	66.5
IV 6000	8.6	33.6	41.3	49.9	56.2	57.1	60.9	62.7	63.1	64.2	65.1	65.2	66.0	66.4	66.5	68.1
IV 5000	9.5	35.0	43.1	51.9	58.4	59.3	63.2	65.0	65.3	66.5	67.4	67.5	68.3	68.6	68.7	70.4
IV 4500	9.5	35.7	44.0	53.0	59.7	60.6	64.7	66.6	66.9	68.1	69.0	69.1	69.9	70.3	70.4	72.0
IV 4000	10.0	36.8	45.6	54.7	61.7	62.6	66.8	69.0	69.4	70.5	71.4	71.5	72.3	72.7	72.8	74.4
IV 3500	10.2	38.1	46.8	56.0	63.5	64.4	68.8	71.0	71.3	72.5	73.4	73.5	74.3	74.7	74.8	76.4
IV 3000	10.3	39.0	47.9	57.8	65.5	66.4	70.9	73.1	73.5	74.7	75.6	75.7	76.5	76.9	76.9	78.5
IV 2500	10.8	40.2	49.3	59.4	67.7	68.6	73.3	75.6	75.9	77.1	78.1	78.2	79.0	79.3	79.4	81.0
IV 2000	11.1	41.1	51.4	61.7	70.3	71.3	76.6	79.0	79.3	80.7	81.7	81.8	82.6	82.9	83.0	84.6
IV 1800	11.1	41.1	51.4	61.7	70.4	71.5	76.8	79.2	79.7	80.9	81.9	81.9	82.7	83.1	83.2	84.8
IV 1500	11.1	41.2	51.8	62.4	72.0	73.0	78.3	80.7	81.2	82.7	83.6	83.7	84.5	84.9	85.0	86.6
IV 1200	11.1	41.7	52.4	64.1	73.9	75.2	80.8	83.2	83.7	85.3	86.3	86.4	87.2	87.6	87.7	89.3
IV 1000	11.1	41.8	52.9	65.0	75.1	76.5	82.2	84.8	85.3	87.2	88.4	88.5	89.3	89.7	89.8	91.4
IV 900	11.1	41.9	53.1	65.1	75.3	76.8	82.7	85.4	86.1	87.8	89.0	89.1	89.9	90.3	90.4	92.0
IV 800	11.1	41.9	53.2	65.2	75.5	77.0	82.8	85.6	86.3	88.2	89.5	89.6	90.4	90.7	90.8	92.5
IV 700	11.1	41.9	53.2	65.2	75.6	77.3	83.3	86.2	86.9	89.1	90.4	90.5	91.3	91.6	91.7	93.4
IV 600	11.1	41.9	53.2	65.2	75.7	77.4	83.6	86.4	87.2	89.5	90.7	90.8	91.6	92.0	92.1	93.7
IV 500	11.1	41.9	53.2	65.2	75.7	77.5	83.7	86.6	87.4	89.7	91.0	91.1	92.0	92.4	92.6	94.3
IV 400	11.1	41.9	53.2	65.2	75.7	77.5	83.7	86.7	87.6	89.9	91.5	91.6	92.5	92.9	93.3	95.1
IV 300	11.1	41.9	53.3	65.3	75.7	77.6	83.8	86.8	87.7	90.2	92.1	92.3	93.3	93.7	94.1	95.7
IV 200	11.1	41.9	53.3	65.3	75.7	77.6	83.8	86.8	87.7	90.3	92.5	92.6	93.6	94.1	94.4	96.3
IV 100	11.1	41.9	53.3	65.3	75.7	77.6	83.8	86.8	87.7	90.3	92.5	92.6	93.6	94.1	94.4	96.3
IV 0	11.1	41.9	53.3	65.3	75.7	77.6	83.8	86.8	87.7	90.3	92.5	92.6	93.7	94.2	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS.

1113

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-56

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	1.9	6.7	13.3	16.1	19.5	19.6	21.0	21.4	21.5	21.9	22.2	22.3	22.6	22.9	23.4	24.1
≥ 20000	2.2	9.0	14.6	18.0	21.3	21.4	22.9	23.3	23.4	23.8	24.1	24.2	24.6	24.9	25.7	26.4
IV 18000	2.2	10.1	15.0	18.5	21.8	21.9	23.4	23.8	23.9	24.3	24.6	24.7	25.2	25.5	26.2	26.9
IV 16000	2.2	10.2	15.1	18.5	22.1	22.2	23.7	24.1	24.2	24.6	24.9	25.1	25.5	25.8	26.5	27.2
IV 14000	2.2	10.5	15.5	19.2	22.7	22.8	24.4	24.8	24.9	25.4	25.7	25.8	26.2	26.5	27.2	28.0
IV 12000	2.5	11.5	17.1	20.9	24.5	24.6	26.3	26.7	26.8	27.3	27.7	27.8	28.2	28.5	29.2	30.0
IV 10000	2.7	12.2	18.4	22.3	26.0	26.3	28.0	28.4	28.5	29.0	29.5	29.6	30.0	30.3	31.0	31.8
IV 9000	2.8	12.5	18.7	23.2	27.2	27.5	29.3	29.7	29.8	30.3	30.8	30.9	31.3	31.6	32.4	33.2
IV 8000	2.9	14.0	20.3	25.9	31.0	31.3	33.4	33.9	34.0	34.5	35.0	35.1	35.5	35.8	36.5	37.3
IV 7000	3.1	15.2	21.7	27.5	32.9	33.3	35.4	35.9	36.0	36.5	37.0	37.1	37.5	37.8	38.5	39.4
IV 6000	3.1	15.3	21.9	27.7	33.1	33.5	35.6	36.1	36.2	36.7	37.2	37.3	37.7	38.0	38.7	39.6
IV 5000	3.2	16.4	23.5	29.6	36.3	36.7	39.1	39.7	39.8	40.4	40.9	41.0	41.4	41.7	42.4	43.2
IV 4500	3.2	16.7	24.0	30.2	37.4	37.9	40.5	41.0	41.1	41.6	42.3	42.4	42.9	43.2	43.9	44.7
IV 4000	3.2	17.5	26.0	33.0	40.4	41.0	43.6	44.2	44.4	45.2	45.7	45.8	46.3	46.7	47.4	48.2
IV 3500	3.4	18.7	27.6	35.2	43.4	44.0	46.9	47.7	48.0	48.8	49.3	49.4	49.9	50.2	50.9	51.7
IV 3000	4.0	20.7	30.4	39.1	47.8	48.6	51.5	52.4	53.0	53.9	54.4	54.5	55.0	55.3	56.0	56.8
IV 2500	4.1	22.3	32.9	41.9	51.1	52.0	55.3	56.4	57.0	57.9	58.3	58.4	58.9	59.2	59.9	60.8
IV 2000	4.2	23.4	34.9	44.2	54.2	55.5	59.4	61.0	61.6	62.4	62.9	63.0	63.5	63.8	64.5	65.3
IV 1800	4.2	23.7	35.5	45.0	55.1	56.4	60.3	62.0	62.6	63.4	63.9	64.0	64.5	64.8	65.5	66.3
IV 1500	4.2	23.9	36.7	46.6	57.1	58.8	63.5	65.1	65.6	66.9	67.4	67.5	68.1	68.4	69.1	69.9
IV 1200	4.2	24.2	37.7	48.7	59.8	61.7	66.8	69.1	70.0	71.0	71.5	71.6	72.1	72.4	73.1	73.9
IV 1000	4.2	24.5	38.4	49.8	61.3	63.7	69.9	72.3	73.2	74.5	75.1	75.2	75.7	76.0	76.7	77.5
IV 900	4.2	24.6	38.5	50.1	61.9	64.4	70.7	73.4	74.3	76.0	76.7	76.8	77.3	77.6	78.3	79.1
IV 800	4.2	25.4	39.6	51.5	63.7	66.6	73.3	76.0	76.9	78.8	79.5	79.6	80.2	80.5	81.2	82.0
IV 700	4.2	25.5	39.7	51.6	64.3	67.2	73.9	76.6	77.5	79.5	80.3	80.4	81.0	81.3	82.0	82.9
IV 600	4.2	25.6	40.0	51.9	64.8	68.2	75.2	78.0	78.9	81.1	81.8	81.9	82.6	82.9	83.6	84.4
IV 500	4.2	25.6	40.0	52.0	65.0	68.4	75.6	78.6	79.5	81.7	82.5	83.0	83.6	83.9	84.6	85.4
IV 400	4.2	25.7	40.1	52.1	65.5	68.9	76.5	79.4	80.5	83.0	84.1	84.2	84.9	85.2	85.9	86.7
IV 300	4.2	25.7	40.1	52.1	65.6	69.0	76.8	79.6	81.1	84.0	85.8	86.1	86.8	87.1	88.0	88.8
IV 200	4.2	25.7	40.1	52.1	65.6	69.0	77.1	80.1	81.4	84.7	87.0	87.6	88.3	88.6	89.0	91.1
IV 100	4.2	25.7	40.1	52.1	65.6	69.0	77.1	80.1	81.4	84.7	87.1	87.6	88.3	88.6	89.1	91.1
IV 0	4.2	25.7	40.1	52.1	65.6	69.0	77.1	80.1	81.4	84.7	87.1	87.6	88.3	88.6	89.1	91.1

TOTAL NUMBER OF OBSERVATIONS 986

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 EROING GERMANY AIR STATION

46-56

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	1.1	8.1	11.4	15.7	20.0	20.3	21.5	21.8	21.9	22.6	22.9	23.0	23.5	23.9	24.4	25.2
≥ 20000	1.1	8.2	11.9	16.2	20.5	20.8	22.2	22.5	22.6	23.3	23.6	23.7	24.2	24.6	25.1	25.9
IV 18000	1.1	8.8	12.5	16.4	21.1	21.4	22.8	23.1	23.2	23.9	24.2	24.3	24.8	25.2	25.7	26.5
IV 16000	1.1	9.1	12.8	17.1	21.4	21.7	23.1	23.4	23.5	24.2	24.5	24.6	25.1	25.5	26.0	26.8
IV 14000	1.1	9.1	12.8	17.2	21.5	21.9	23.4	23.7	23.8	24.5	24.8	24.9	25.4	25.8	26.3	27.2
IV 12000	1.1	9.5	13.4	18.0	22.5	22.9	24.6	24.9	25.0	25.7	26.0	26.1	26.6	27.1	27.6	28.4
IV 10000	1.9	10.5	14.9	20.3	24.9	25.5	27.5	27.8	27.9	28.6	28.9	29.0	29.5	29.9	30.4	31.2
IV 9000	1.6	11.2	15.8	21.5	26.4	27.4	29.3	29.6	29.7	30.4	30.7	30.8	31.3	31.7	32.2	33.0
IV 8000	1.6	11.8	16.4	22.5	29.2	30.2	32.6	33.2	33.3	34.0	34.3	34.4	35.0	35.4	35.9	36.7
IV 7000	1.8	12.7	17.7	23.9	30.6	31.7	34.1	34.8	34.9	35.7	36.0	36.1	36.6	37.0	37.5	38.3
IV 6000	1.8	13.0	18.4	25.3	32.0	33.1	35.6	36.2	36.3	37.1	37.4	37.5	38.0	38.4	39.1	39.9
IV 5400	1.9	13.6	20.0	27.5	35.3	36.4	38.9	39.5	39.6	40.4	40.7	40.8	41.3	41.7	42.3	43.3
IV 4500	1.9	13.8	20.4	28.1	36.2	37.3	39.8	40.5	40.6	41.4	41.7	41.8	42.4	42.8	43.5	44.3
IV 4000	2.0	15.4	22.7	30.5	39.4	40.5	43.1	43.8	44.0	44.8	45.1	45.2	45.7	46.1	46.8	47.6
IV 3500	2.0	16.7	24.1	32.6	42.0	43.2	45.8	46.7	47.2	48.0	48.3	48.4	48.9	49.3	50.1	50.9
IV 3000	2.7	18.1	25.8	35.9	45.7	46.8	49.6	50.9	51.4	52.3	52.7	52.8	53.4	53.8	54.5	55.3
IV 2500	2.7	19.4	27.7	38.6	49.1	50.4	53.5	54.8	55.3	56.3	56.7	56.8	57.4	57.9	58.6	59.4
IV 2000	2.8	20.1	29.2	41.1	52.8	54.2	58.3	59.8	60.3	61.4	62.0	62.1	62.7	63.1	63.8	64.6
IV 1800	2.9	20.4	29.9	42.1	54.2	55.6	60.1	61.7	62.2	63.3	63.9	64.0	64.6	65.0	65.8	66.6
IV 1500	2.9	21.3	31.4	44.6	57.3	59.0	64.1	66.1	66.6	67.8	68.5	68.6	69.2	69.6	70.3	71.1
IV 1200	2.9	22.0	32.3	45.7	59.4	61.2	67.1	69.6	70.4	72.1	72.8	72.9	73.6	74.0	74.7	75.5
IV 1000	2.9	22.3	33.0	46.6	61.1	63.1	69.7	72.3	73.2	75.1	75.8	75.9	76.5	76.9	77.6	78.4
IV 900	2.9	22.3	33.2	47.2	61.9	64.2	70.8	73.5	74.3	76.2	77.1	77.2	77.8	78.2	78.9	79.7
IV 800	2.9	22.5	33.7	48.0	62.7	65.3	72.2	75.1	75.9	77.8	78.8	78.9	79.5	79.9	80.6	81.5
IV 700	2.9	22.6	33.8	48.2	63.0	65.9	73.2	76.2	77.1	79.0	80.0	80.1	80.7	81.2	81.9	82.7
IV 600	2.9	22.7	34.2	48.6	63.6	66.7	74.4	77.5	78.5	80.5	81.4	81.7	82.4	82.8	83.5	84.3
IV 500	2.9	22.7	34.2	48.6	63.8	66.9	75.0	78.2	79.2	81.5	82.8	82.9	83.6	84.0	84.7	85.5
IV 400	2.9	22.7	34.2	48.7	64.0	67.1	75.6	79.0	80.1	82.7	84.2	84.3	85.0	85.5	86.4	87.2
IV 300	2.9	22.7	34.2	48.8	64.1	67.2	75.9	79.3	80.4	83.4	85.3	85.2	86.0	87.2	88.2	89.1
IV 200	2.9	22.7	34.2	48.8	64.1	67.2	76.2	79.6	80.7	84.2	86.4	86.7	87.8	88.6	89.8	90.8
IV 100	2.9	22.7	34.2	48.8	64.1	67.2	76.3	79.7	80.9	84.3	86.8	87.0	88.2	89.2	90.4	92.5
IV 0	2.9	22.7	34.2	48.8	64.1	67.2	76.3	79.7	80.9	84.3	86.8	87.2	88.7	89.8	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 987



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

54168 BRDING GERMANY AIR STATION

46-56

YOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING	1.7	6.6	8.2	10.1	13.0	13.9	14.9	15.5	15.8	16.6	17.0	17.1	17.1	17.4	17.5	18.6
≥ 20000	2.1	7.9	9.6	11.9	15.0	16.1	17.3	18.2	18.4	19.3	19.9	20.0	20.1	20.4	20.5	21.6
≥ 16000	2.4	8.3	10.1	12.4	15.5	16.6	17.8	18.7	18.9	19.8	20.4	20.5	20.6	20.9	21.0	22.1
≥ 14000	2.4	8.3	10.2	12.5	15.7	16.8	18.1	19.0	19.2	20.1	20.7	20.8	20.9	21.2	21.3	22.4
≥ 12000	2.4	8.3	10.3	12.7	15.0	17.1	18.4	19.3	19.5	20.3	21.1	21.2	21.3	21.6	21.7	22.8
≥ 10000	2.6	8.9	11.4	13.8	17.1	18.4	19.6	20.5	20.7	21.7	22.3	22.4	22.5	22.8	22.9	24.1
≥ 9000	3.4	10.8	13.6	16.2	19.7	21.0	22.5	23.5	23.7	24.6	25.5	25.6	25.7	26.0	26.1	27.5
≥ 8000	4.0	11.4	14.2	17.2	20.9	22.2	23.8	24.9	25.2	26.3	27.0	27.1	27.2	27.5	27.6	29.0
≥ 7000	4.4	13.3	16.6	20.5	24.9	26.7	28.7	29.9	30.2	31.4	32.5	32.6	32.8	33.1	33.2	34.7
≥ 6000	4.9	14.2	18.0	21.9	26.9	28.6	30.8	32.3	32.6	33.8	34.9	35.0	35.2	35.5	35.6	37.1
≥ 5000	5.2	15.0	18.7	22.8	27.8	29.5	31.9	33.6	34.0	35.3	36.3	36.4	36.6	36.9	37.1	38.7
≥ 4500	5.8	16.6	20.5	24.7	30.2	31.9	34.5	36.1	36.5	37.5	38.8	38.9	39.1	39.5	39.7	41.3
≥ 4000	5.8	17.0	21.0	25.5	31.1	33.0	35.5	37.1	37.5	38.8	39.9	40.0	40.2	40.5	40.7	42.3
≥ 3500	6.0	18.5	22.7	28.2	34.7	36.5	39.0	40.7	41.1	42.6	43.7	43.8	44.0	44.4	44.6	46.2
≥ 3000	6.1	19.9	24.7	30.7	37.7	39.7	42.3	44.0	44.4	45.9	47.1	47.2	47.4	47.8	48.0	49.6
≥ 2500	6.5	21.5	26.5	33.1	41.0	43.0	45.6	47.7	48.2	50.1	51.2	51.3	51.5	52.0	52.2	53.9
≥ 2000	6.7	23.1	28.5	36.0	44.2	46.3	49.3	51.5	52.1	54.3	55.5	55.6	55.8	56.3	56.5	58.1
≥ 1800	6.8	24.0	30.0	38.2	47.7	50.1	54.5	56.9	57.6	59.9	61.4	61.5	61.8	62.3	62.5	64.1
≥ 1500	6.8	24.0	30.0	38.2	48.1	50.5	55.2	57.6	58.3	60.6	62.1	62.2	62.3	63.0	63.2	64.8
≥ 1200	7.2	25.5	32.4	41.6	51.6	54.3	59.8	62.7	63.6	66.0	67.6	67.7	68.1	68.6	68.8	70.4
≥ 1000	7.4	26.4	33.5	43.5	54.4	57.6	63.6	66.6	67.7	70.8	72.3	72.4	72.5	73.2	73.4	75.1
≥ 900	7.6	27.0	34.3	44.8	55.9	59.1	65.5	68.7	69.8	73.0	74.8	74.9	75.3	75.7	76.1	77.7
≥ 800	7.6	27.1	34.6	45.2	56.6	59.8	66.4	69.6	70.7	73.9	75.9	76.0	76.3	76.8	77.1	78.7
≥ 700	7.8	27.3	34.9	45.8	57.8	61.1	68.4	72.1	73.2	76.7	78.7	78.8	79.1	79.6	79.9	81.5
≥ 600	7.8	27.3	35.0	46.5	58.7	62.4	70.7	74.5	75.9	79.5	81.6	81.7	82.3	82.8	83.2	84.8
≥ 500	7.8	27.3	35.0	46.5	58.9	62.7	71.4	75.5	76.9	80.9	83.9	84.2	85.1	85.6	86.0	87.6
≥ 400	7.9	27.4	35.1	46.6	59.0	63.1	71.8	75.9	77.3	81.3	84.5	84.9	86.0	86.6	87.1	88.7
≥ 300	7.9	27.4	35.1	46.6	59.0	63.1	72.0	76.2	77.7	81.7	85.2	86.0	87.3	88.2	88.8	90.4
≥ 200	7.9	27.4	35.1	46.6	59.0	63.1	72.0	76.2	77.7	81.8	85.3	86.1	87.5	88.7	89.5	91.0
≥ 100	7.9	27.4	35.1	46.6	59.0	63.1	72.0	76.2	77.7	81.8	85.3	86.1	87.6	88.8	89.7	91.2
≥ 0	7.9	27.4	35.1	46.6	59.0	63.1	72.0	76.2	77.7	81.8	85.3	86.1	87.7	89.0	90.2	100.0

TOTAL NUMBER OF OBSERVATIONS

986

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24168 EROING GERMANY AIR STATION

46-56

20V

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .55	≥ .5	≥ .5	≥ .5	≥ .5
NO CEILING	3.0	7.5	10.1	12.6	14.7	15.7	15.5	16.8	16.9	17.2	17.4	17.4	17.4	17.4	17.4	17.5
≥ 20000	3.5	8.7	12.1	15.1	17.9	19.1	20.1	20.4	20.5	21.2	21.4	21.5	21.5	21.5	21.5	21.7
≥ 18000	4.0	9.3	12.7	15.7	18.9	19.8	20.7	21.0	21.1	21.8	22.0	22.1	22.1	22.1	22.1	22.3
≥ 16000	4.0	9.4	12.8	16.3	19.1	20.4	21.3	21.6	21.7	22.4	22.6	22.7	22.7	22.7	22.7	22.9
≥ 14000	4.2	9.6	13.1	16.5	19.5	20.7	21.6	21.9	22.0	23.0	23.2	23.3	23.3	23.3	23.3	23.5
≥ 12000	4.6	10.1	13.6	17.1	20.2	21.4	22.3	22.6	22.7	23.7	24.0	24.1	24.1	24.1	24.1	24.3
≥ 10000	5.4	13.1	16.5	20.7	24.1	25.3	26.5	27.1	27.3	28.3	28.6	28.7	28.7	28.7	28.7	28.9
≥ 9000	6.1	14.3	18.0	22.2	26.4	27.7	29.0	29.6	29.8	30.8	31.1	31.2	31.2	31.2	31.2	31.4
≥ 8000	6.4	15.3	19.7	24.1	29.0	30.3	31.8	32.5	32.7	33.9	34.3	34.4	34.4	34.4	34.4	34.7
≥ 7000	7.3	17.6	22.1	26.6	31.9	33.6	35.4	36.1	36.3	37.5	37.9	38.0	38.0	38.0	38.0	38.2
≥ 6000	7.8	18.7	23.4	28.0	33.4	35.2	37.1	37.8	38.0	39.2	39.6	39.7	39.7	39.7	39.7	39.9
≥ 5000	8.4	20.4	25.1	29.9	36.0	37.7	39.8	40.5	40.7	41.9	42.4	42.5	42.5	42.5	42.5	42.7
≥ 4500	8.5	20.9	25.6	30.6	36.8	38.5	40.6	41.4	41.6	42.9	43.3	43.4	43.4	43.4	43.4	43.6
≥ 4000	9.1	22.6	27.8	32.0	39.6	41.3	43.6	44.7	44.9	46.1	46.5	46.6	46.6	46.6	46.6	46.8
≥ 3500	9.3	23.9	29.4	34.9	42.0	43.8	46.0	47.1	47.3	48.6	49.0	49.1	49.1	49.1	49.1	49.3
≥ 3000	10.0	26.3	32.6	38.7	46.2	48.0	50.5	51.7	52.0	53.3	53.9	54.0	54.0	54.0	54.0	54.2
≥ 2500	10.5	27.5	34.7	41.1	49.7	52.3	54.9	56.1	56.8	58.3	58.9	59.0	59.0	59.0	59.0	59.2
≥ 2000	10.9	29.0	37.0	44.2	53.0	56.5	59.5	60.8	61.7	63.4	63.8	63.9	63.9	63.9	63.9	64.1
≥ 1800	10.9	29.3	37.3	44.5	53.3	56.8	59.8	61.1	62.0	63.7	64.1	64.2	64.2	64.2	64.2	64.4
≥ 1500	11.9	30.7	39.1	47.5	57.6	60.5	63.5	65.1	66.2	68.0	68.4	68.5	68.5	68.5	68.5	68.8
≥ 1200	12.8	32.1	41.0	50.4	60.9	64.1	67.5	69.3	70.5	72.5	72.9	73.0	73.0	73.0	73.0	73.4
≥ 1000	13.1	33.4	42.7	52.7	63.6	67.0	70.7	72.7	74.0	76.2	76.7	76.9	77.1	77.1	77.1	77.3
≥ 900	13.2	33.6	43.1	53.3	64.6	68.0	71.9	74.0	75.2	77.4	77.9	78.1	78.3	78.3	78.3	78.5
≥ 800	13.4	33.9	43.9	55.1	66.7	70.4	74.8	77.5	79.0	81.6	82.2	82.4	82.8	82.8	82.8	83.0
≥ 700	13.4	34.1	44.3	55.4	67.7	71.6	76.3	79.1	80.6	83.3	83.9	84.1	84.5	84.5	84.5	84.7
≥ 600	13.6	34.1	44.2	56.1	68.8	72.8	77.8	81.0	82.6	85.6	86.4	86.6	87.0	87.0	87.0	87.3
≥ 500	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9
≥ 400	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9
≥ 300	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9
≥ 200	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9
≥ 100	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9
≥ 0	13.6	34.1	44.3	56.3	69.3	73.5	78.7	82.6	84.4	88.2	89.7	90.1	90.7	90.7	90.7	90.9

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34162 ERING GERMANY AIR STATION

46-36

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING feet	VISIBILITY STATISTICS															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING	6.6	11.6	14.1	14.2	17.9	18.0	18.4	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.9
≥ 20000	7.1	14.6	17.7	20.3	22.7	22.0	22.6	23.7	23.7	24.0	24.0	24.0	24.0	24.0	24.1	24.1
≥ 18000	7.9	15.8	18.9	21.3	23.9	24.2	24.8	25.0	25.0	25.3	25.3	25.3	25.3	25.3	25.4	25.4
≥ 16000	7.9	16.3	19.3	22.0	24.5	24.8	25.4	25.6	25.6	25.9	25.9	25.9	25.9	25.9	26.0	26.0
≥ 14000	8.0	16.7	19.9	22.5	25.0	25.2	26.0	26.2	26.2	26.5	26.5	26.5	26.5	26.5	26.6	26.6
≥ 12000	8.3	17.4	20.6	23.2	25.8	26.4	27.2	27.4	27.4	27.8	27.8	27.8	27.8	27.8	27.9	27.9
≥ 10000	10.2	20.1	23.4	26.7	29.7	30.3	31.1	31.3	31.6	32.1	32.1	32.1	32.1	32.1	32.3	32.3
≥ 9000	11.2	21.4	25.3	28.7	31.9	32.6	33.6	34.0	34.2	34.8	34.8	34.8	34.8	34.8	35.0	35.0
≥ 8000	11.9	22.7	27.4	31.7	35.3	36.0	37.1	37.5	37.7	38.3	38.3	38.3	38.3	38.3	38.5	38.5
≥ 7000	12.3	24.2	29.5	33.8	37.6	38.4	39.5	40.1	40.3	40.7	40.9	40.9	40.9	40.9	41.1	41.1
≥ 6000	12.9	25.4	30.8	35.6	39.7	40.5	41.9	42.6	42.8	43.4	43.4	43.4	43.4	43.4	43.6	43.6
≥ 5000	13.2	26.4	32.0	36.9	41.1	42.1	43.7	44.3	44.5	45.1	45.1	45.1	45.1	45.1	45.3	45.3
≥ 4500	13.7	27.4	33.2	38.2	42.6	43.6	45.1	45.7	45.7	46.3	46.3	46.3	46.3	46.3	46.5	46.5
≥ 4000	14.6	29.1	35.3	40.3	45.3	46.5	47.9	48.5	48.9	49.5	49.5	49.5	49.5	49.5	49.7	49.7
≥ 3500	15.0	30.6	37.1	43.1	47.6	48.3	50.4	51.1	51.6	52.2	52.2	52.2	52.2	52.2	52.4	52.4
≥ 3000	17.1	34.2	41.4	47.6	52.3	52.7	55.5	56.1	56.6	57.3	57.3	57.3	57.3	57.3	57.5	57.5
≥ 2500	19.0	37.3	45.1	52.1	57.1	58.6	62.4	61.3	61.8	62.6	62.6	62.6	62.6	62.6	62.8	62.8
≥ 2000	20.9	40.8	49.2	57.1	62.5	64.1	68.0	67.1	67.4	68.9	68.9	68.9	68.9	68.9	69.1	69.1
≥ 1800	21.1	41.3	49.9	58.4	63.8	65.5	69.3	68.4	68.7	70.2	70.2	70.2	70.2	70.2	70.4	70.4
≥ 1500	22.0	43.8	50.3	60.2	67.3	69.6	73.4	72.6	72.9	74.5	74.5	74.5	74.5	74.5	74.9	74.9
≥ 1200	22.4	43.8	50.3	60.2	67.3	69.6	73.4	72.6	72.9	74.5	74.5	74.5	74.5	74.5	74.9	74.9
≥ 1000	22.9	47.0	57.4	67.5	74.6	76.7	80.5	79.8	79.9	81.9	81.9	81.9	81.9	81.9	82.6	82.6
≥ 900	24.9	47.1	57.8	67.7	75.2	77.7	81.4	80.7	80.8	82.8	82.8	82.8	82.8	82.8	83.6	83.6
≥ 800	23.2	47.8	58.8	69.7	77.3	79.8	83.5	82.8	82.9	84.9	84.9	84.9	84.9	84.9	85.6	85.6
≥ 700	23.2	47.9	59.0	70.2	78.0	80.6	84.3	83.6	83.7	85.7	85.7	85.7	85.7	85.7	86.4	86.4
≥ 600	23.2	47.9	59.1	70.5	78.3	81.3	85.0	84.3	84.4	86.4	86.4	86.4	86.4	86.4	87.1	87.1
≥ 500	23.2	47.9	59.2	70.9	79.0	81.8	85.5	84.8	84.9	86.9	86.9	86.9	86.9	86.9	87.6	87.6
≥ 400	23.2	48.0	59.3	71.0	79.2	82.2	85.9	85.2	85.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0
≥ 300	23.2	48.0	59.3	71.0	79.2	82.2	85.9	85.2	85.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0
≥ 200	23.2	48.0	59.3	71.0	79.2	82.2	85.9	85.2	85.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0
≥ 100	23.2	48.0	59.3	71.0	79.2	82.2	85.9	85.2	85.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0
≥ 0	23.2	48.0	59.3	71.0	79.2	82.2	85.9	85.2	85.3	87.3	87.3	87.3	87.3	87.3	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS

987

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION 46-56

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	7.0	12.9	14.3	16.5	18.5	19.3	20.5	20.6	21.0	21.3	21.4	21.4	21.4	21.4	21.4	21.5
IV 18000	8.1	16.3	18.4	21.3	23.8	24.9	26.5	27.0	27.4	27.9	28.5	28.6	28.6	28.6	28.6	28.8
IV 16000	8.5	16.8	18.9	22.0	24.7	25.4	27.1	27.8	28.1	28.6	28.7	28.7	28.7	28.7	28.7	28.8
IV 14000	8.5	17.1	19.4	22.5	25.1	26.2	28.0	28.6	29.1	29.6	29.7	29.7	29.7	29.7	29.7	29.6
IV 12000	8.8	17.7	20.3	23.4	26.2	27.7	29.4	30.0	30.5	31.0	31.1	31.1	31.1	31.1	31.1	31.2
IV 10000	9.4	19.3	21.9	25.7	28.9	30.4	32.4	33.1	33.6	34.1	34.2	34.2	34.2	34.2	34.2	34.3
IV 9000	10.1	20.3	23.3	27.7	30.8	32.3	34.4	35.4	35.9	36.5	36.6	36.6	36.6	36.6	36.6	36.7
IV 8000	10.8	22.3	25.3	30.0	33.6	35.4	37.9	38.6	39.3	40.0	40.1	40.1	40.1	40.1	40.1	40.2
IV 7000	11.7	23.6	27.4	32.4	36.1	37.9	40.2	41.3	42.1	42.9	43.0	43.0	43.0	43.0	43.0	43.1
IV 6000	11.6	24.1	27.7	33.3	37.4	39.2	41.6	43.0	43.9	44.6	44.7	44.7	44.7	44.7	44.7	44.8
IV 5000	12.0	25.5	29.4	35.5	39.8	41.6	43.5	45.9	46.9	47.6	47.7	47.7	47.7	47.7	47.7	47.8
IV 4500	12.3	26.4	30.3	36.7	41.2	43.1	45.9	47.4	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.3
IV 4000	13.0	28.4	32.8	39.6	44.6	46.4	49.3	51.0	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.9
IV 3500	13.2	29.6	34.2	41.1	46.5	48.4	51.0	53.2	54.2	54.9	55.0	55.0	55.0	55.0	55.0	55.1
IV 3000	14.4	32.8	38.1	45.6	51.1	53.0	56.3	58.0	59.0	59.7	59.8	59.8	59.8	59.8	59.8	59.9
IV 2500	15.6	35.4	41.3	49.1	55.2	57.2	60.6	62.4	63.4	64.1	64.2	64.2	64.2	64.2	64.2	64.3
IV 2000	16.5	38.0	44.5	53.3	60.1	62.4	65.8	67.8	68.8	69.7	69.8	69.8	69.8	69.8	69.8	69.9
IV 1800	16.3	38.3	45.2	54.5	61.3	63.7	67.1	69.1	70.1	71.0	71.1	71.1	71.1	71.1	71.1	71.2
IV 1500	17.1	40.0	47.4	57.3	65.1	67.7	71.1	73.3	74.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6
IV 1200	17.3	40.8	48.7	58.0	67.9	70.7	74.5	76.8	77.8	79.0	79.3	79.3	79.3	79.3	79.3	79.4
IV 1000	17.5	41.6	49.9	60.4	70.2	73.2	77.8	80.2	81.3	83.1	83.6	83.6	83.6	83.6	83.6	83.8
IV 900	17.6	41.8	50.2	60.7	70.7	73.6	78.6	81.2	82.4	84.9	84.9	84.9	84.9	84.9	84.9	85.1
IV 800	17.7	42.2	50.6	61.3	72.0	75.5	80.4	83.4	84.6	86.6	87.2	87.3	87.3	87.3	87.3	87.5
IV 700	17.7	42.2	50.8	61.5	72.5	76.0	81.2	84.2	85.4	87.5	88.1	88.2	88.4	88.4	88.4	88.6
IV 600	17.7	42.6	51.1	61.8	72.9	76.6	82.2	85.5	87.1	89.6	90.2	90.3	90.6	90.6	90.6	90.7
IV 500	17.7	42.9	51.4	62.1	73.4	77.1	82.8	86.4	88.0	91.3	92.0	92.1	92.5	92.5	92.5	92.6
IV 400	17.7	42.9	51.4	62.1	73.5	77.2	83.1	86.8	88.6	92.0	93.1	93.3	93.8	94.0	94.0	94.1
IV 300	17.7	42.9	51.4	62.1	73.5	77.2	83.1	86.8	88.6	92.0	93.1	93.3	93.8	94.0	94.0	94.1
IV 200	17.7	42.9	51.4	62.1	73.5	77.2	83.1	86.8	88.6	92.0	93.1	93.3	93.8	94.0	94.0	94.1
IV 100	17.7	42.9	51.4	62.1	73.5	77.2	83.1	86.8	88.6	92.0	93.1	93.3	93.8	94.0	94.0	94.1
IV 0	17.7	42.9	51.4	62.1	73.5	77.2	83.1	86.8	88.6	92.0	93.1	93.3	93.8	94.0	94.0	94.1

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING	4.5	14.5	17.7	20.5	24.4	25.4	26.2	27.2	27.6	28.3	28.9	29.1	29.3	29.3	29.3	29.5
≥ 20000	5.1	15.6	18.9	22.0	26.2	27.4	28.3	29.3	29.7	30.5	31.1	31.3	31.5	31.5	31.5	31.8
IV 18000	5.1	15.6	18.9	22.0	26.2	27.5	28.4	29.4	29.8	30.6	31.2	31.4	31.6	31.6	31.6	31.9
IV 16000	5.1	15.6	18.9	22.0	26.8	28.0	28.9	29.9	30.3	31.1	31.7	31.9	32.1	32.1	32.1	32.4
IV 14000	5.2	15.8	19.1	22.4	27.3	28.4	29.2	30.3	30.7	31.5	32.1	32.3	32.5	32.5	32.5	32.8
IV 12000	5.2	16.3	19.7	23.1	28.1	29.3	30.2	31.3	31.8	32.8	33.4	33.6	33.8	33.8	33.8	34.1
IV 10000	5.2	17.4	21.0	24.7	30.4	31.6	32.5	33.6	34.1	35.2	35.8	36.0	36.2	36.2	36.2	36.5
IV 9000	5.3	18.4	22.2	26.2	32.0	33.2	34.1	35.3	35.8	36.8	37.4	37.6	37.8	37.8	37.8	38.1
IV 8000	6.0	20.9	24.6	29.1	35.5	36.7	37.7	38.8	39.3	40.3	40.9	41.1	41.3	41.3	41.3	41.6
IV 7000	6.3	22.4	26.1	30.8	37.4	38.7	40.0	41.2	41.8	42.9	43.5	43.7	43.9	43.9	43.9	44.2
IV 6000	6.4	22.8	26.6	31.6	38.6	40.0	41.5	42.8	43.4	44.4	45.0	45.2	45.4	45.4	45.4	45.7
IV 5000	6.9	25.0	29.2	34.5	42.1	43.7	45.3	46.6	47.3	48.3	48.9	49.1	49.3	49.3	49.3	49.6
IV 4500	7.2	26.0	30.2	35.8	43.9	45.5	47.1	48.4	49.1	50.2	50.8	51.0	51.2	51.2	51.2	51.5
IV 4000	7.4	27.1	31.9	37.6	45.9	47.5	49.2	50.7	51.5	52.5	53.1	53.3	53.5	53.5	53.5	53.8
IV 3500	7.5	28.9	34.4	40.5	49.0	50.8	53.1	54.6	55.4	56.4	57.0	57.3	57.4	57.4	57.4	57.8
IV 3000	7.7	31.1	37.4	44.1	53.0	54.8	57.1	58.7	59.5	60.5	61.1	61.3	61.5	61.5	61.5	61.8
IV 2500	7.7	32.0	38.6	46.2	56.2	58.1	60.6	62.3	63.1	64.2	64.8	65.0	65.2	65.2	65.2	65.6
IV 2000	7.7	34.1	41.2	49.7	60.6	62.9	66.0	67.9	68.7	69.8	70.4	70.6	70.8	70.8	70.8	71.1
IV 1800	7.7	34.2	41.7	50.6	61.5	63.8	67.0	68.9	69.7	70.8	71.4	71.6	71.8	71.8	71.8	72.1
IV 1500	7.7	34.8	43.0	52.1	64.1	66.9	70.2	72.3	73.2	74.3	75.0	75.2	75.4	75.4	75.4	75.7
IV 1200	7.8	35.4	43.8	52.9	65.8	68.8	73.0	75.2	76.0	77.1	77.8	78.0	78.2	78.2	78.2	78.5
IV 1000	7.8	36.5	45.1	54.5	68.4	71.5	76.5	78.9	79.9	81.2	81.9	82.1	82.4	82.4	82.4	82.7
IV 900	7.8	36.6	45.2	54.8	69.0	72.5	77.8	80.0	81.2	82.5	83.2	83.4	83.7	83.7	83.7	84.0
IV 800	7.8	36.6	45.2	54.8	69.4	73.4	78.7	81.3	82.4	83.8	84.5	84.7	85.0	85.0	85.0	85.3
IV 700	7.8	36.6	45.2	54.8	69.4	73.5	79.2	81.9	83.0	84.5	85.2	85.4	85.7	85.7	85.7	86.0
IV 600	7.8	36.7	45.3	55.0	69.6	73.9	80.1	83.1	84.2	85.7	86.4	86.6	86.9	86.9	86.9	87.2
IV 500	7.8	36.7	45.3	55.0	69.9	74.3	80.5	83.5	84.6	86.1	86.8	87.0	87.3	87.3	87.3	87.6
IV 400	7.8	36.7	45.3	55.2	70.1	74.5	81.1	84.1	85.2	86.7	87.4	87.6	87.9	87.9	87.9	88.2
IV 300	7.8	36.7	45.3	55.2	70.1	74.5	81.1	84.1	85.2	86.7	87.4	87.6	87.9	87.9	87.9	88.2
IV 200	7.8	36.7	45.3	55.2	70.1	74.5	81.1	84.1	85.2	86.7	87.4	87.6	87.9	87.9	87.9	88.2
IV 100	7.8	36.7	45.3	55.2	70.1	74.5	81.1	84.1	85.2	86.7	87.4	87.6	87.9	87.9	87.9	88.2
IV 0	7.8	36.7	45.3	55.2	70.1	74.5	81.1	84.1	85.2	86.7	87.4	87.6	87.9	87.9	87.9	88.2

TOTAL NUMBER OF OBSERVATIONS 987

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 FRODO GERMANY AIR STATION

40-56

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS LT ST

CEILING (FEET)	VISIBILITY STAT E MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
≥ 20000	3.1	11.2	16.3	19.7	23.1	24.2	24.7	24.9	25.6	26.2	26.7	26.9	27.4	27.4	27.7	28.5
18000	3.3	11.7	17.0	20.5	24.0	25.0	25.5	25.7	26.4	27.0	27.5	27.7	28.2	28.2	28.5	29.3
16000	3.5	11.7	17.1	20.6	24.2	25.2	25.7	26.0	26.7	27.3	27.8	28.0	28.5	28.5	28.8	29.6
14000	3.5	11.7	17.4	21.2	24.9	25.9	26.4	26.6	27.3	27.9	28.4	28.6	29.1	29.1	29.4	30.4
12000	3.7	12.3	18.7	22.8	26.6	27.6	28.1	28.2	29.0	29.7	30.3	30.5	31.1	31.1	31.4	32.3
10000	3.7	13.1	19.1	23.4	27.4	28.4	28.9	29.1	29.8	30.6	31.1	31.3	31.9	31.9	32.2	33.1
9000	3.7	13.6	19.8	24.4	28.7	29.7	30.3	30.5	31.2	32.0	32.5	32.7	33.3	33.3	33.6	34.5
8000	3.9	13.3	21.7	27.1	32.6	33.6	34.2	34.5	35.2	36.0	36.5	36.8	37.4	37.4	37.7	38.6
7000	4.0	16.6	23.4	29.2	35.0	36.0	36.6	37.0	37.7	38.5	39.0	39.2	39.8	39.8	40.1	41.0
6000	4.1	17.2	24.1	30.1	36.2	37.2	37.9	38.2	38.9	39.7	40.2	40.4	41.0	41.0	41.7	42.8
5000	4.4	19.2	26.7	33.2	40.1	41.4	42.2	42.5	43.2	44.1	44.6	44.8	45.4	45.4	45.7	46.6
4500	4.7	20.2	28.0	34.8	41.7	42.1	44.0	44.3	45.0	45.8	46.3	46.5	47.1	47.1	47.4	48.3
4000	5.0	21.7	30.7	37.9	45.3	46.9	48.1	48.4	49.2	50.1	50.6	50.8	51.4	51.4	51.7	52.6
3500	5.0	22.3	31.5	39.4	47.8	49.5	51.2	51.7	52.3	53.3	53.8	54.0	54.6	54.6	54.9	55.8
3000	5.2	24.7	34.0	42.1	51.4	53.1	54.7	55.2	56.0	56.9	57.4	57.6	58.2	58.2	58.5	59.4
2500	5.2	26.0	35.8	44.4	54.2	56.0	57.7	58.2	59.1	59.9	60.4	60.6	61.2	61.2	61.5	62.4
2000	5.2	27.8	39.2	47.7	58.7	60.9	62.9	64.0	64.8	65.6	66.2	66.4	67.0	67.0	67.2	68.2
1800	5.3	28.4	39.9	48.5	59.6	61.8	63.9	64.9	65.7	66.5	67.1	67.3	67.9	67.9	68.2	69.1
1600	5.3	29.5	40.7	50.8	62.4	64.9	67.4	68.4	69.2	70.2	70.8	71.0	71.6	71.6	71.9	72.8
1400	5.3	30.1	41.7	52.2	64.6	67.2	70.5	71.5	72.7	73.9	74.5	74.6	75.4	75.4	75.7	76.6
1200	5.3	30.8	43.1	54.1	67.1	70.7	74.1	75.2	76.5	77.8	78.4	78.7	79.3	79.3	79.6	80.5
1050	5.3	31.0	43.4	54.3	67.3	70.9	74.3	75.7	77.1	78.4	79.0	79.3	79.9	79.9	80.2	81.1
900	5.3	31.1	43.5	54.5	67.6	71.5	75.4	76.9	78.4	80.2	80.8	81.1	81.9	81.9	82.2	83.1
800	5.3	31.1	43.5	54.5	68.0	71.7	76.6	78.7	80.6	82.2	82.7	83.2	84.1	84.1	84.4	85.3
700	5.3	31.1	43.5	54.5	68.3	72.0	77.0	79.7	81.5	83.7	84.5	84.8	85.7	85.7	86.0	86.9
600	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
500	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
400	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
300	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
200	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
100	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8
0	5.3	31.1	43.5	54.5	68.9	72.6	78.0	80.7	82.5	85.4	86.9	87.3	88.3	88.3	88.9	89.8

TOTAL NUMBER OF OBSERVATIONS 985

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOUR) (VARIATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	1.8 2.0	6.3 6.7	8.2 8.8	10.3 10.9	12.8 13.6	13.8 14.6	15.4 16.4	15.9 16.9	18.0 17.0	17.3 18.3	18.2 19.2	18.3 19.3	18.9 19.8	19.2 20.1	19.4 20.3	20.1 21.1
≥ 18000 N 18000	2.0 2.0	6.8 6.8	8.9 8.9	10.9 10.9	13.7 13.7	14.7 14.7	16.3 16.3	17.0 17.0	17.1 17.1	18.4 18.4	19.3 19.3	19.4 19.4	19.9 19.9	20.2 20.2	20.4 20.4	21.2 21.2
≥ 14000 N 14000	2.0 2.1	6.9 7.8	9.0 9.0	11.1 12.4	14.0 15.2	15.0 16.2	16.8 18.1	17.3 18.6	17.4 18.7	18.7 20.2	19.6 21.1	19.6 21.2	20.2 21.8	20.5 22.1	20.7 22.3	21.5 23.1
≥ 10000 N 10000	2.6 2.6	9.8 10.5	12.0 13.1	14.7 16.0	18.1 19.0	19.1 20.6	20.9 22.5	21.4 23.0	21.5 23.1	23.1 24.7	23.9 25.8	24.0 25.9	25.0 26.9	25.3 27.2	25.5 27.4	26.3 28.2
≥ 8000 N 8000	3.0 3.2	11.7 12.6	14.7 15.9	17.9 19.2	21.5 22.8	22.6 23.9	24.7 26.1	25.5 26.9	25.6 27.0	27.9 28.6	28.3 29.8	28.7 30.2	30.0 31.5	30.3 31.8	30.5 32.0	31.4 32.8
≥ 6000 N 6000	3.6 3.7	13.6 15.2	17.7 19.5	20.9 22.7	24.7 27.0	25.9 28.2	28.1 30.7	28.8 31.5	28.9 31.6	30.6 33.2	31.8 34.4	32.2 34.8	33.5 36.2	33.8 36.5	34.0 36.7	34.9 37.5
≥ 4500 N 4500	3.9 4.0	15.7 16.9	20.3 21.9	23.7 25.3	28.3 30.2	29.5 31.5	32.1 34.2	32.8 35.0	32.9 35.1	34.6 36.8	35.8 37.9	36.2 38.3	37.5 39.7	37.8 40.0	38.0 40.2	38.9 41.1
≥ 3500 N 3500	4.3 4.9	17.5 19.2	25.2 25.5	27.1 30.0	32.2 36.3	33.4 37.6	36.4 40.8	37.1 41.8	37.3 42.1	39.0 44.1	40.2 45.4	40.6 45.7	41.9 47.1	42.2 47.4	42.4 47.6	43.3 48.5
≥ 2500 N 2500	5.1 5.6	20.8 22.6	27.7 30.1	33.0 35.8	39.8 43.9	41.2 45.5	44.5 49.4	45.8 51.5	46.1 52.3	48.1 54.7	50.0 56.4	50.4 56.8	52.0 58.4	52.3 58.7	52.5 58.8	53.4 59.7
≥ 1800 N 1800	5.7 5.8	23.0 23.6	30.5 31.6	36.2 37.3	44.4 45.8	45.9 47.5	50.0 51.8	52.1 54.1	52.9 54.9	55.3 57.8	57.2 59.4	57.6 59.8	59.1 61.4	59.4 61.7	59.6 61.9	60.5 62.8
≥ 1200 N 1200	5.8 5.8	24.2 24.7	33.5 33.2	38.5 39.6	47.4 49.4	49.2 51.3	53.7 56.2	56.1 59.1	57.0 60.2	59.8 63.7	61.5 65.4	61.9 65.8	63.4 67.4	63.7 67.7	63.9 67.9	64.8 68.8
≥ 900 N 900	5.8 5.8	24.8 24.8	35.3 35.5	39.9 40.2	49.8 50.0	51.7 52.0	56.6 57.4	59.6 60.9	60.8 62.4	64.4 66.3	66.1 68.1	66.5 68.5	68.1 70.2	68.4 70.5	68.6 70.7	69.5 71.6
≥ 700 N 700	5.8 5.8	24.8 24.8	35.5 35.5	40.3 40.4	50.2 50.3	52.3 52.6	58.2 59.2	62.7 64.1	64.1 65.6	68.3 69.9	70.2 71.7	70.6 72.1	72.2 73.8	72.6 74.2	72.8 74.4	73.7 75.3
≥ 500 N 500	5.8 5.8	24.8 24.8	35.5 35.5	40.4 40.4	50.9 51.1	53.2 53.6	60.4 60.8	66.0 66.6	67.7 68.3	72.5 74.0	74.8 76.2	75.3 76.7	77.0 78.5	77.5 79.0	77.7 79.3	78.6 80.2
≥ 300 N 300	5.8 5.8	24.8 24.8	35.5 35.5	40.4 40.4	51.2 51.2	53.8 53.8	61.1 61.5	67.1 67.5	68.9 69.4	75.3 76.1	78.4 79.8	79.2 80.7	81.8 83.7	82.7 84.6	83.5 85.7	84.7 87.2
≥ 100 N 100	5.8 5.8	24.8 24.8	35.5 35.5	40.4 40.4	51.2 51.2	53.8 53.8	61.1 61.5	67.1 67.5	68.9 69.4	75.3 76.3	80.1 81.1	81.0 84.8	84.8 86.1	85.9 88.5	87.6 88.5	91.2 100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

C300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	1.7	4.9	6.7	8.3	10.9	11.2	12.7	13.8	14.0	14.9	15.5	15.6	15.8	16.2	16.2	16.5
≥ 20000	1.8	5.2	7.3	8.9	11.6	12.0	13.7	14.8	15.0	15.8	16.5	16.6	16.8	17.2	17.2	17.5
IV 18000	1.8	5.2	7.3	8.9	11.6	12.0	13.7	14.8	15.0	15.8	16.5	16.6	16.8	17.2	17.2	17.5
IV 16000	1.8	5.2	7.3	8.9	11.9	12.3	14.0	15.1	15.2	16.1	16.8	16.9	17.1	17.5	17.5	17.8
IV 14000	1.8	5.2	7.3	8.9	12.0	12.4	14.1	15.2	15.3	16.2	16.9	17.0	17.2	17.6	17.6	17.9
IV 12000	2.2	6.1	8.3	10.1	13.2	13.6	15.2	16.3	16.5	17.3	18.2	18.3	18.5	18.9	18.9	19.2
IV 10000	2.4	7.2	9.8	11.7	15.2	15.5	17.6	18.7	18.9	19.8	20.7	20.8	21.0	21.4	21.4	21.7
IV 9000	2.6	7.4	10.3	12.5	15.9	16.3	18.6	19.6	19.8	20.8	21.7	21.8	22.0	22.4	22.4	22.7
IV 8000	3.2	8.4	12.1	15.1	18.5	18.9	21.3	22.7	22.9	23.9	24.9	25.1	25.6	26.0	26.0	26.3
IV 7000	3.8	9.5	13.5	16.6	20.2	20.6	23.1	24.4	24.6	25.6	26.7	26.9	27.4	27.8	27.8	28.1
IV 6000	3.8	10.0	14.6	18.4	22.3	22.7	25.1	26.5	26.7	27.7	28.8	29.0	29.5	29.9	29.9	30.2
IV 5000	4.0	11.1	15.8	19.8	23.8	24.1	26.6	28.0	28.2	29.1	30.3	30.5	31.0	31.4	31.4	31.7
IV 4500	4.3	12.2	17.2	21.2	25.1	25.5	28.1	29.5	29.7	30.7	32.0	32.2	32.6	33.0	33.0	33.3
IV 4000	4.6	13.6	18.8	23.0	27.3	28.1	30.7	32.3	32.5	33.4	34.7	34.9	35.4	35.8	35.8	36.1
IV 3500	4.9	14.7	20.0	24.6	29.4	30.2	32.9	34.8	35.3	36.4	37.6	37.8	38.4	38.8	38.8	39.1
IV 3000	5.7	16.4	23.1	28.7	33.8	34.6	37.8	39.7	40.2	41.5	42.6	42.8	43.4	43.8	43.8	44.1
IV 2500	5.7	18.3	25.6	31.4	37.3	38.1	41.6	43.8	44.4	45.9	47.2	47.4	48.0	48.4	48.4	48.7
IV 2000	6.1	19.9	27.9	34.1	40.8	41.5	45.7	48.7	49.3	50.9	52.2	52.4	53.4	53.8	53.8	54.1
IV 1800	6.1	20.2	28.8	35.3	42.0	42.8	47.0	50.0	50.6	52.5	53.8	54.0	54.9	55.3	55.3	55.6
IV 1500	6.1	20.8	29.6	36.2	43.4	44.3	49.1	52.3	53.2	55.2	56.5	56.7	57.7	58.1	58.1	58.4
IV 1200	6.1	22.1	30.9	37.6	45.2	46.1	51.4	54.7	55.6	57.7	58.9	59.1	60.1	60.5	60.5	60.8
IV 1000	6.1	22.5	31.4	38.6	47.8	48.9	54.8	58.6	59.4	62.3	63.7	63.9	65.0	65.4	65.4	65.7
IV 900	6.1	22.8	31.9	39.1	48.3	49.4	55.4	59.2	60.2	63.0	64.5	64.7	65.8	66.2	66.2	66.5
IV 800	6.1	22.8	31.9	39.5	49.5	50.5	56.9	61.5	62.9	66.0	67.4	67.6	68.7	69.1	69.1	69.4
IV 700	6.1	22.8	32.4	40.0	50.2	51.4	58.1	63.6	65.0	68.1	69.6	69.8	70.9	71.3	71.3	71.6
IV 600	6.1	22.8	32.5	40.6	50.9	52.1	58.7	64.3	65.8	69.0	70.5	70.7	71.8	72.2	72.2	72.5
IV 500	6.1	23.0	33.0	41.2	51.8	53.2	60.1	66.2	67.7	71.4	73.3	73.5	74.6	75.0	75.0	75.2
IV 400	6.1	23.0	33.0	41.2	51.8	53.3	60.4	66.8	68.4	72.8	75.2	75.7	77.0	77.4	77.5	78.1
IV 300	6.1	23.0	33.0	41.2	51.9	53.4	60.6	67.0	68.7	73.9	77.1	77.7	79.3	80.1	80.6	81.5
IV 200	6.1	23.0	33.0	41.2	52.2	53.7	61.0	67.4	69.1	74.7	78.4	79.1	81.6	82.6	83.7	85.5
IV 100	6.1	23.0	33.0	41.2	52.2	53.7	61.0	67.4	69.1	75.0	79.3	80.0	83.5	85.0	86.5	91.5
IV 0	6.1	23.0	33.0	41.2	52.2	53.7	61.0	67.4	69.1	75.0	79.3	80.0	83.7	85.5	87.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1023



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	2.2	4.1	6.2	7.4	9.1	9.3	10.4	11.3	11.5	12.0	12.4	12.7	13.1	13.2	13.3	13.7
≥ 20000	2.7	4.7	7.0	8.7	10.5	10.7	11.9	13.0	13.2	13.7	14.2	14.5	14.9	15.0	15.1	15.4
IV 18000	2.7	4.7	7.1	8.8	10.6	10.8	12.0	13.1	13.3	13.9	14.3	14.6	15.0	15.1	15.2	15.5
IV 16000	2.7	4.7	7.1	8.8	10.6	10.8	12.0	13.1	13.3	13.9	14.3	14.6	15.0	15.1	15.2	15.5
IV 14000	2.8	4.8	7.2	8.9	10.7	10.9	12.1	13.2	13.4	13.9	14.4	14.7	15.2	15.2	15.3	15.7
IV 12000	2.8	4.9	7.3	9.0	10.8	10.9	12.2	13.3	13.5	14.0	14.5	14.8	15.2	15.3	15.4	15.8
IV 10000	3.1	5.9	8.4	10.5	12.8	13.0	14.4	15.4	15.6	16.3	16.8	17.1	17.6	17.7	17.8	18.2
IV 9000	3.4	6.4	9.1	11.2	13.8	14.1	15.4	16.6	16.8	17.6	18.2	18.5	19.0	19.1	19.2	19.6
IV 8000	4.2	8.3	11.8	14.3	17.2	17.5	19.2	20.3	20.5	21.3	22.2	22.5	23.1	23.2	23.3	23.7
IV 7000	4.8	9.3	12.8	15.4	18.5	18.8	20.7	22.0	22.2	23.0	23.9	24.1	24.7	24.8	24.9	25.3
IV 6000	5.3	10.2	14.1	17.2	20.4	20.7	22.7	24.0	24.2	25.0	26.1	26.4	27.1	27.2	27.3	27.7
IV 5000	5.8	11.7	15.6	19.1	22.4	22.7	24.6	26.0	26.2	27.0	28.1	28.3	29.0	29.1	29.2	29.6
IV 4500	6.2	12.8	17.1	20.6	23.9	24.2	26.3	27.7	27.9	28.6	29.7	30.0	30.7	30.8	30.9	31.3
IV 4000	6.7	14.0	18.7	22.3	26.1	26.7	28.9	30.4	30.6	31.5	32.6	32.9	33.6	33.7	33.8	34.2
IV 3500	7.6	15.8	20.9	24.7	29.3	30.1	32.4	34.1	34.3	35.2	36.3	36.7	37.3	37.4	37.5	37.9
IV 3000	8.5	17.6	23.4	28.0	33.2	34.2	36.9	39.0	39.2	40.1	41.3	41.6	42.3	42.4	42.5	42.9
IV 2500	9.3	19.8	26.5	31.4	38.9	37.9	40.6	42.9	43.1	44.2	45.4	45.7	46.4	46.5	46.6	47.0
IV 2000	10.0	21.4	29.4	35.0	41.0	42.1	45.8	48.9	49.1	50.3	51.5	51.9	52.8	52.9	53.0	53.4
IV 1800	10.1	21.8	29.9	35.9	41.8	43.0	46.7	49.8	50.0	51.2	52.4	52.8	53.7	53.8	53.9	54.3
IV 1500	10.4	22.6	31.3	37.5	43.7	45.0	49.1	52.4	52.8	54.1	55.2	55.6	56.5	56.6	56.7	57.2
IV 1200	10.6	23.5	32.5	39.2	45.8	47.2	51.8	55.2	55.6	57.3	58.3	58.8	59.7	59.8	59.9	60.4
IV 1000	10.8	24.1	34.0	41.0	48.5	50.1	55.2	59.6	60.0	62.3	63.4	63.9	64.8	65.0	65.1	65.6
IV 900	10.9	24.3	34.3	41.4	49.0	50.6	56.0	60.7	61.1	63.4	64.7	65.2	66.1	66.3	66.4	66.9
IV 800	10.9	24.4	34.4	41.7	50.0	51.9	57.6	63.1	63.7	66.2	67.3	68.0	69.1	69.3	69.4	69.9
IV 700	10.9	24.5	34.5	42.1	50.6	52.6	58.7	64.3	65.1	68.0	69.6	70.1	71.3	71.5	71.6	72.0
IV 600	10.9	24.6	34.7	42.2	50.9	53.2	59.2	65.1	65.8	69.1	70.9	71.3	72.7	72.9	73.0	73.5
IV 500	10.9	24.6	35.0	42.8	51.4	53.9	60.4	67.0	67.6	71.7	74.3	75.2	76.3	76.7	76.9	77.4
IV 400	10.9	24.6	35.0	42.8	51.4	54.0	60.6	67.2	67.9	72.7	75.9	76.7	78.4	78.7	79.0	79.5
IV 300	10.9	24.6	35.0	42.9	51.7	54.2	61.0	67.6	68.4	73.3	77.4	78.6	80.9	81.3	82.3	82.9
IV 200	10.9	24.6	35.0	43.0	51.8	54.5	61.3	68.0	68.8	74.3	78.7	80.0	82.7	83.8	85.2	87.8
IV 100	10.9	24.6	35.0	43.0	51.8	54.4	61.3	68.0	68.8	74.3	79.1	80.6	84.1	85.6	87.2	92.9
IV 0	10.9	24.6	35.0	43.0	51.8	54.4	61.3	68.0	68.8	74.3	79.4	80.7	84.4	86.0	88.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3416R  
STATION

ENDING GERMANY AIR STATION  
STATION NAME

46-56  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	1.8	4.0	5.8	7.1	8.2	8.3	9.6	10.6	10.9	11.3	11.9	11.9	12.5	13.0	13.2	13.8
≥ 20000	2.9	5.7	7.6	9.5	10.9	11.0	12.4	13.6	14.2	14.9	15.4	15.4	16.0	16.5	16.7	17.4
≥ 16000	2.9	6.2	8.4	10.6	12.0	12.2	13.6	14.8	15.3	16.0	16.6	16.6	17.2	17.7	17.9	18.6
≥ 14000	3.1	6.4	8.7	10.9	12.3	12.5	13.9	15.1	15.6	16.3	16.9	16.9	17.6	18.1	18.3	19.0
≥ 12000	3.2	6.5	9.0	11.3	12.8	13.0	14.4	15.5	16.1	16.8	17.4	17.4	18.2	18.7	18.9	19.6
≥ 10000	3.5	7.1	9.6	11.9	13.7	13.9	15.2	16.4	17.0	17.7	18.3	18.3	19.1	19.6	19.7	20.4
≥ 9000	4.3	8.7	11.6	14.6	16.6	16.8	18.2	19.4	19.9	20.6	21.2	21.2	22.0	22.5	22.7	23.4
≥ 8000	4.5	9.1	12.5	15.5	17.8	18.1	19.6	20.8	21.5	22.2	22.8	22.8	23.6	24.0	24.2	24.9
≥ 7000	4.9	10.0	13.9	17.1	19.6	20.0	21.7	23.0	23.7	24.4	25.0	25.0	25.8	26.3	26.5	27.2
≥ 6000	5.7	11.3	15.2	18.6	21.0	21.5	23.7	25.1	25.8	26.6	27.2	27.2	28.0	28.4	28.6	29.3
≥ 5000	6.0	12.3	16.5	20.0	23.1	23.9	26.1	27.7	28.4	29.3	29.9	30.0	30.8	31.3	31.5	32.2
≥ 4500	6.5	13.7	18.0	21.8	24.8	25.6	27.9	29.5	30.3	31.2	31.8	31.9	32.6	33.1	33.3	34.0
≥ 4000	6.7	14.3	19.0	22.8	25.8	26.6	28.9	30.5	31.3	32.2	32.7	32.8	33.6	34.1	34.3	35.0
≥ 3500	7.3	16.2	21.7	25.8	29.0	30.0	32.4	34.1	35.0	36.1	36.8	36.9	37.6	38.1	38.3	39.0
≥ 3000	8.3	18.5	24.0	28.3	31.8	33.3	35.9	37.8	39.0	40.4	41.2	41.3	42.0	42.5	42.7	43.4
≥ 2500	9.7	20.8	26.7	31.6	35.3	37.0	39.6	41.6	42.8	44.4	45.3	45.4	46.1	46.6	46.8	47.5
≥ 2000	10.6	22.4	29.4	34.3	38.4	40.5	43.5	45.7	46.8	48.4	49.4	49.5	50.2	50.7	50.9	51.5
≥ 1800	11.5	24.2	31.4	36.7	41.3	43.6	47.5	50.4	51.7	53.4	54.3	54.5	55.3	55.8	56.0	56.7
≥ 1500	11.5	24.2	31.5	37.0	41.6	44.0	48.0	50.9	52.2	53.9	55.0	55.2	56.0	56.5	56.7	57.4
≥ 1200	12.1	25.2	32.6	38.7	43.5	46.0	50.3	53.7	55.0	56.8	58.1	58.3	59.0	59.5	59.7	60.4
≥ 1000	12.3	25.6	33.3	39.7	45.3	47.9	52.7	56.1	57.8	60.0	61.5	61.7	62.5	63.0	63.1	63.8
≥ 900	12.7	26.8	34.9	42.3	48.8	51.4	56.6	60.6	62.4	65.0	66.7	67.0	67.9	68.5	68.8	69.5
≥ 800	12.8	27.1	35.2	42.9	49.5	52.3	57.7	61.9	63.6	66.4	68.0	68.3	69.3	69.9	70.2	70.9
≥ 700	12.9	27.5	35.6	43.6	50.6	53.6	59.2	63.5	65.4	68.3	70.4	70.7	71.8	72.4	72.7	73.4
≥ 600	13.0	27.9	36.0	44.2	51.9	55.5	62.1	67.4	69.2	72.8	74.8	75.2	76.3	77.1	77.4	78.3
≥ 500	13.0	28.0	36.3	44.6	52.9	56.6	63.4	69.2	71.3	75.8	78.1	78.8	80.3	81.4	81.7	83.0
≥ 400	13.1	28.2	36.5	44.8	53.1	56.8	63.7	69.6	71.8	76.7	80.1	80.7	83.3	84.4	84.8	86.3
≥ 300	13.1	28.2	36.5	44.9	53.2	57.0	63.9	69.9	72.2	77.4	81.1	82.3	85.7	87.8	88.7	90.8
≥ 200	13.1	28.2	36.5	44.9	53.2	57.0	63.9	69.9	72.2	77.4	81.4	82.6	86.3	88.8	90.3	93.6
≥ 100	13.1	28.2	36.5	44.9	53.2	57.0	63.9	69.9	72.2	77.4	81.4	82.8	86.7	89.3	91.3	97.1
≥ 0	13.1	28.2	36.5	44.9	53.2	57.0	63.9	69.9	72.2	77.4	81.4	82.8	86.7	89.3	91.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168

ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.0	7.5	9.6	10.9	12.0	13.1	13.8	14.4	14.8	15.2	15.8	16.0	16.0	16.1	16.2	16.4
≥ 20000	4.1	9.4	11.7	13.5	15.1	16.1	17.2	18.0	18.4	19.1	19.6	19.8	19.8	20.0	20.1	20.3
IV 18000	4.4	9.9	12.1	13.9	15.4	16.5	17.6	18.4	18.8	19.5	20.0	20.2	20.2	20.4	20.5	20.7
IV 16000	4.4	9.8	12.3	14.1	15.7	16.8	17.9	18.7	19.1	19.7	20.3	20.5	20.5	20.7	20.8	21.0
IV 14000	4.5	10.0	12.6	14.4	16.0	17.1	18.2	19.0	19.4	20.0	20.6	20.8	20.8	21.0	21.1	21.3
IV 12000	4.6	10.3	13.3	15.1	16.9	18.0	19.1	19.8	20.2	20.9	21.5	21.7	21.7	21.9	22.0	22.2
IV 10000	5.5	11.8	15.3	17.8	19.8	21.1	22.3	23.1	23.5	24.1	24.7	24.9	24.9	25.1	25.2	25.4
IV 9000	6.4	13.1	17.1	19.8	21.9	23.2	24.4	25.2	25.7	26.4	27.0	27.2	27.2	27.4	27.5	27.7
IV 8000	7.3	14.3	18.4	21.3	23.4	24.8	26.4	27.2	27.7	28.3	28.9	29.1	29.1	29.3	29.4	29.6
IV 7000	8.1	15.3	19.7	22.7	24.7	26.2	28.0	28.8	29.3	30.0	30.6	30.8	30.8	31.0	31.1	31.3
IV 6000	8.4	16.7	21.1	24.2	26.7	28.3	30.1	31.1	31.6	32.3	32.8	33.0	33.0	33.2	33.3	33.5
IV 5000	8.8	17.5	22.0	25.2	27.7	29.2	31.2	32.2	32.7	33.4	34.0	34.2	34.2	34.4	34.5	34.7
IV 4500	8.9	17.8	22.4	25.8	28.4	30.0	32.0	32.9	33.5	34.3	34.9	35.1	35.1	35.3	35.4	35.6
IV 4000	9.8	20.2	25.0	28.6	31.7	33.6	35.8	36.9	37.4	38.2	38.8	39.0	39.0	39.2	39.3	39.5
IV 3500	10.5	21.9	27.0	30.9	34.1	36.1	38.3	39.5	40.2	41.0	41.5	41.7	41.7	41.9	42.0	42.2
IV 3000	11.8	24.0	29.6	33.8	37.1	39.4	41.9	43.5	44.2	45.1	45.9	46.2	46.3	46.5	46.6	46.8
IV 2500	13.3	26.7	33.1	37.8	41.6	44.0	46.7	48.3	49.0	50.0	50.8	51.1	51.2	51.4	51.5	51.7
IV 2000	15.3	29.7	36.7	41.9	46.5	49.5	52.6	54.5	55.4	56.5	57.6	57.9	58.1	58.3	58.4	58.6
IV 1800	15.3	29.9	37.1	42.4	47.0	50.0	53.1	55.0	55.9	57.0	58.2	58.5	58.7	58.8	58.9	59.1
IV 1500	16.0	31.3	39.0	45.4	50.3	53.4	57.0	59.0	60.0	61.2	62.3	62.8	63.0	63.1	63.2	63.4
IV 1200	16.3	32.2	40.4	47.2	52.8	56.2	60.2	62.5	63.7	65.1	66.5	66.8	67.0	67.2	67.3	67.6
IV 1000	16.4	33.0	41.6	49.0	56.1	59.7	64.2	66.6	67.8	69.8	71.4	71.8	72.1	72.3	72.4	72.6
IV 900	16.5	33.1	41.7	49.4	56.6	60.3	64.8	67.4	68.7	70.8	72.4	72.9	73.3	73.7	73.8	74.0
IV 800	16.9	33.6	42.3	50.1	57.9	61.7	67.1	70.1	71.6	74.0	75.9	76.4	77.2	77.4	77.5	77.7
IV 700	17.1	34.0	42.8	50.8	58.7	62.8	68.2	71.5	72.9	75.7	77.3	78.3	79.1	79.4	79.5	79.7
IV 600	17.4	34.4	43.2	51.2	59.2	63.5	69.2	72.7	74.5	77.6	79.8	80.6	81.3	81.9	82.1	82.3
IV 500	17.4	34.4	43.3	51.7	60.3	64.7	70.8	74.8	76.7	80.9	84.1	85.1	86.0	86.8	87.2	87.6
IV 400	17.4	34.6	43.5	52.0	60.6	65.0	71.3	75.4	77.6	82.7	86.3	87.7	88.8	90.0	90.8	91.3
IV 300	17.4	34.7	43.6	52.1	60.8	65.2	71.5	75.7	78.0	83.5	87.8	89.5	91.1	93.3	94.5	95.2
IV 200	17.4	34.7	43.6	52.1	60.8	65.2	71.5	75.7	78.0	83.5	87.8	89.5	91.1	93.3	94.5	95.4
IV 100	17.4	34.7	43.6	52.1	60.8	65.2	71.5	75.7	78.0	83.5	87.8	89.5	91.1	93.3	94.5	95.4
IV 0	17.4	34.7	43.6	52.1	60.8	65.2	71.5	75.7	78.0	83.5	87.8	89.5	91.1	93.3	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24166 ERDING GERMANY AIR STATION

46-56

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0.005
NO CEILING	3.3	8.1	9.9	11.5	13.5	13.9	15.5	16.7	17.0	17.6	18.1	18.3	18.6	18.6	18.9
≥ 20000	3.6	9.2	11.0	13.2	15.2	15.8	17.7	19.2	19.5	20.1	20.6	20.9	21.1	21.2	21.4
≥ 18000	3.7	9.3	11.1	13.3	15.3	15.9	17.8	19.3	19.6	20.2	20.7	20.9	21.2	21.3	21.5
≥ 16000	3.8	9.4	11.2	13.4	15.4	16.0	17.9	19.4	19.6	20.4	20.9	21.1	21.4	21.5	21.7
≥ 14000	4.1	9.7	11.5	13.8	15.9	16.6	18.5	19.9	20.2	21.0	21.5	21.7	22.0	22.1	22.3
≥ 12000	4.2	9.9	11.9	14.2	16.7	17.4	19.3	20.7	21.0	22.0	22.5	22.7	23.0	23.1	23.3
≥ 10000	4.8	11.0	13.4	16.0	18.8	19.5	21.8	23.3	23.7	24.7	25.2	25.4	25.7	25.8	26.0
≥ 9000	5.1	12.0	14.6	17.3	20.1	21.3	23.9	25.2	25.6	26.7	27.2	27.4	27.7	27.8	28.0
≥ 8000	5.9	12.9	15.7	18.7	21.6	22.9	25.7	27.4	28.0	29.0	29.6	29.8	30.1	30.2	30.4
≥ 7000	6.1	13.7	16.7	19.7	23.2	24.4	27.3	29.0	29.7	30.8	31.4	31.6	31.9	32.0	32.2
≥ 6000	6.5	14.5	17.6	20.6	24.1	25.5	28.4	30.3	31.0	32.1	32.6	32.8	33.1	33.2	33.4
≥ 5000	6.6	15.1	18.3	21.5	25.2	26.6	29.5	31.4	32.2	33.3	34.0	34.3	34.6	34.7	34.9
≥ 4000	7.1	15.9	19.4	22.6	26.4	27.8	30.7	32.8	33.6	34.6	35.5	35.8	36.1	36.2	36.4
≥ 3500	7.8	17.3	20.8	24.2	28.3	29.8	33.1	35.4	36.2	37.4	38.3	38.6	38.9	39.0	39.2
≥ 3000	8.1	18.2	21.9	25.4	29.5	31.4	34.7	37.3	38.1	39.4	40.3	40.6	40.9	41.0	41.2
≥ 2500	8.8	20.2	24.4	28.4	32.9	35.1	38.7	41.3	42.3	43.8	44.7	45.0	45.3	45.4	45.6
≥ 2000	9.9	23.0	27.7	31.9	36.5	38.7	42.4	45.4	46.5	48.1	49.0	49.3	49.6	49.7	49.9
≥ 1800	11.1	25.2	31.0	36.2	41.2	43.7	47.6	51.3	52.7	54.3	55.2	55.5	55.9	56.2	56.6
≥ 1500	11.7	27.2	33.3	39.4	44.9	47.7	52.2	56.0	57.4	59.1	60.1	60.6	61.0	61.3	61.8
≥ 1200	11.8	27.6	33.9	40.4	46.4	49.2	54.0	57.8	59.2	61.1	62.4	62.9	63.2	63.5	64.0
≥ 1000	12.0	28.6	35.5	42.2	50.0	53.3	58.8	63.5	65.0	67.1	68.4	69.0	69.5	69.8	70.3
≥ 900	12.0	28.7	35.6	42.5	50.4	53.9	59.8	64.8	66.3	68.5	69.9	70.5	71.3	71.6	72.1
≥ 800	12.2	29.1	36.3	43.4	51.7	55.9	62.4	68.0	69.5	71.9	73.4	74.0	74.9	75.2	75.8
≥ 700	12.2	29.2	36.7	44.0	52.0	56.8	63.8	69.5	71.2	74.2	75.9	76.5	77.5	77.8	78.4
≥ 600	12.2	29.4	36.9	44.2	53.0	57.3	64.7	71.2	73.0	76.1	78.0	78.7	79.9	80.2	80.7
≥ 500	12.3	29.7	37.1	44.6	53.9	58.3	65.9	73.3	75.4	79.3	82.1	83.0	84.7	85.1	85.7
≥ 400	12.5	30.0	37.4	44.9	54.3	58.8	67.1	74.0	76.2	80.5	83.6	84.8	86.8	87.5	88.1
≥ 300	12.5	30.2	37.6	45.1	54.5	59.0	67.4	74.5	76.7	81.6	85.3	87.0	89.4	90.5	91.5
≥ 200	12.5	30.2	37.6	45.1	54.5	59.0	67.4	74.5	76.7	81.6	85.4	87.2	89.7	91.1	92.3
≥ 100	12.5	30.2	37.6	45.1	54.5	59.0	67.4	74.5	76.7	81.6	85.4	87.2	89.7	91.2	92.9
≥ 0	12.5	30.2	37.6	45.1	54.5	59.0	67.4	74.5	76.7	81.6	85.4	87.2	89.7	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

34168 ERDING GERMANY AIR STATION

46-56

LEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	1.7	8.0	10.9	12.2	14.1	14.6	16.2	17.7	17.8	18.4	18.8	18.8	19.6	19.7	19.7
≥ 20000	2.4	9.1	12.1	14.2	16.1	17.0	18.9	20.5	20.6	21.2	21.6	21.6	22.4	22.6	22.6
IV 18000	2.4	9.1	12.1	14.2	16.1	17.0	18.9	20.5	20.6	21.2	21.6	21.6	22.4	22.6	22.6
IV 16000	2.4	9.1	12.1	14.2	16.1	17.0	18.9	20.5	20.6	21.2	21.6	21.6	22.4	22.6	22.6
IV 14000	2.4	9.1	12.1	14.2	16.4	17.3	19.2	21.0	21.1	21.7	22.1	22.1	22.9	23.1	23.1
IV 12000	2.4	9.4	12.5	14.6	16.9	18.1	20.2	22.2	22.4	23.2	23.6	23.6	24.3	24.5	24.5
IV 10000	3.1	10.6	13.9	16.2	18.9	20.2	22.9	24.8	25.1	25.9	26.5	26.5	27.3	27.5	27.5
IV 9000	3.4	11.5	15.2	17.9	20.6	22.1	24.9	27.1	27.4	28.2	28.7	28.7	29.5	29.8	29.8
IV 8000	3.9	12.8	16.8	19.8	22.8	24.2	27.2	29.3	29.6	30.5	31.3	31.3	32.1	32.4	32.4
IV 7000	4.0	13.6	17.6	20.6	23.8	25.2	28.6	30.9	31.2	32.1	32.8	32.8	33.6	33.9	33.9
IV 6000	4.2	14.1	18.3	21.3	24.9	26.5	29.9	32.4	32.6	33.8	34.6	34.6	35.4	35.7	35.7
IV 5000	4.5	14.7	19.3	22.6	26.5	28.1	31.6	34.1	34.5	35.7	36.5	36.5	37.2	37.5	37.5
IV 4500	4.9	15.5	20.2	23.6	27.7	29.2	32.9	35.6	36.0	37.1	37.9	37.9	38.7	39.0	39.0
IV 4000	5.5	16.8	21.9	25.5	30.0	31.6	35.4	38.3	38.8	40.1	40.9	40.9	41.6	41.9	41.9
IV 3500	5.6	17.4	22.5	26.2	31.2	32.7	36.9	39.8	40.2	41.6	42.4	42.4	43.2	43.5	43.5
IV 3000	5.6	18.3	24.1	28.2	33.2	35.4	39.6	42.5	43.0	44.5	45.3	45.3	46.1	46.4	46.4
IV 2500	6.1	20.2	25.5	30.9	35.3	38.0	46.1	46.2	46.7	48.2	49.0	49.0	50.0	50.2	50.2
IV 2000	6.5	21.8	28.5	34.8	40.6	43.3	48.0	51.3	51.9	53.7	54.5	54.5	55.5	55.8	55.8
IV 1800	6.5	22.4	29.0	35.7	41.0	44.4	49.4	52.7	53.3	55.0	55.9	55.9	56.9	57.2	57.2
IV 1500	6.7	23.4	30.4	37.6	44.7	47.4	52.9	56.6	57.2	59.0	59.9	59.9	60.9	61.2	61.2
IV 1200	6.9	23.9	31.2	38.8	46.7	49.6	55.3	59.2	59.8	61.9	62.9	62.9	63.9	64.2	64.2
IV 1000	7.2	24.5	32.2	40.4	49.2	52.2	58.2	63.0	63.9	66.0	67.9	67.9	69.2	69.6	69.6
IV 900	7.2	24.7	32.4	40.6	49.7	53.0	58.9	63.9	64.9	67.9	69.3	69.3	70.8	71.0	71.0
IV 800	7.2	24.8	32.7	41.3	50.8	54.3	60.6	66.0	67.0	70.6	72.1	72.1	73.4	73.9	73.9
IV 700	7.2	24.8	32.7	41.4	51.3	55.1	61.8	67.3	68.2	72.1	74.3	74.3	75.8	76.2	76.2
IV 600	7.2	25.0	32.9	41.7	52.1	55.7	63.0	69.2	70.3	75.0	76.9	76.9	78.6	79.1	79.1
IV 500	7.2	25.0	32.9	41.8	52.5	56.1	64.2	71.4	72.6	77.9	80.0	80.0	82.3	82.8	82.8
IV 400	7.2	25.0	32.9	41.8	52.6	56.2	65.0	72.4	73.8	79.7	83.0	83.2	85.0	85.6	85.6
IV 300	7.2	25.0	32.9	41.8	52.7	56.3	65.4	73.0	74.4	80.9	84.8	85.4	88.0	89.1	89.1
IV 200	7.2	25.0	32.9	41.8	52.7	56.3	65.4	73.0	74.4	81.2	85.2	85.8	88.4	89.4	89.4
IV 100	7.2	25.0	32.9	41.8	52.7	56.3	65.4	73.0	74.4	81.2	85.2	85.8	88.4	89.4	89.4
IV 0	7.2	25.0	32.9	41.8	52.7	56.3	65.4	73.0	74.4	81.2	85.2	85.8	88.4	89.4	89.4

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

34168  
STATION

ERDING GERMANY AIR STATION  
STATION NAME

46-56  
ELEVATION

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	1.3 1.7	8.6 9.6	11.7 12.8	12.9 14.2	14.9 16.4	15.6 17.2	17.2 19.3	18.1 20.2	18.7 20.7	19.7 21.7	20.5 22.5	20.6 22.7	21.4 23.5	21.8 23.9	21.9 24.0	12.4 24.5
IV 18000 IV 16000	1.7 1.7	9.6 9.6	12.8 12.8	14.2 14.2	16.7 16.7	17.5 17.5	19.6 19.6	20.5 20.5	21.0 21.1	22.0 22.2	22.8 23.0	23.0 23.2	23.8 24.0	24.2 24.4	24.3 24.5	24.8 25.0
IV 14000 IV 12000	1.7 1.7	9.6 9.7	12.8 12.9	14.2 14.5	16.9 17.2	17.7 18.0	19.8 20.2	20.6 21.2	21.3 21.9	22.4 23.1	23.2 23.9	23.4 24.1	24.2 24.9	24.6 25.2	24.7 25.3	25.1 25.8
IV 10000 IV 9000	2.4 2.3	11.3 12.3	15.1 16.3	17.1 18.6	19.9 21.5	21.1 22.9	23.3 25.2	24.6 26.4	25.2 27.3	26.6 28.9	27.5 29.7	27.7 29.9	28.6 30.8	29.0 31.2	29.1 31.3	29.5 31.8
IV 8000 IV 7000	2.8 3.0	13.2 13.8	17.4 18.0	19.9 20.5	23.0 24.0	24.4 25.4	26.9 28.3	28.3 29.6	29.2 30.5	30.7 32.1	31.7 33.1	32.1 33.5	33.0 34.3	33.4 34.7	33.5 34.8	34.0 35.3
IV 6000 IV 5000	3.0 3.2	14.4 15.2	18.7 19.9	21.3 22.8	25.1 27.0	26.6 28.5	29.3 31.3	30.9 32.8	31.8 33.7	33.3 35.3	34.4 36.3	34.8 36.7	35.7 37.6	36.1 38.0	36.2 38.1	36.7 38.6
IV 4500 IV 4000	3.8 4.4	16.4 18.1	21.5 23.6	24.5 26.8	29.0 31.5	30.4 33.1	33.3 36.1	34.9 37.7	35.8 38.6	37.5 40.4	38.5 41.4	38.8 41.8	39.7 42.7	40.3 43.2	40.4 43.3	40.9 43.8
IV 3500 IV 3000	4.9 5.4	19.1 20.5	24.7 27.0	28.4 31.1	33.9 37.5	35.4 39.1	38.6 42.5	40.2 44.2	41.2 45.2	43.0 47.4	43.9 48.5	44.3 48.9	45.2 49.9	45.8 50.5	46.1 50.8	46.6 51.3
IV 2500 IV 2000	5.6 5.8	22.2 24.0	29.2 31.2	33.7 36.5	40.3 43.9	42.1 46.0	46.1 50.2	48.0 52.3	49.0 53.6	51.2 55.9	52.4 57.2	52.8 57.6	54.0 58.8	54.6 59.4	54.9 59.7	55.4 60.2
IV 1800 IV 1500	5.8 5.8	24.1 24.5	31.3 32.0	37.1 38.0	44.5 46.7	46.7 48.9	51.0 53.4	53.1 55.7	54.4 57.0	56.7 59.4	58.0 61.0	58.4 61.4	59.6 62.5	60.2 63.1	60.5 63.4	61.0 64.0
IV 1200 IV 1000	5.9 6.0	24.9 25.2	32.6 33.4	38.7 39.8	46.1 50.2	50.8 52.9	55.4 57.6	57.7 61.2	59.1 62.8	61.4 65.5	63.2 67.8	63.6 68.2	64.8 69.6	65.4 70.2	65.7 70.5	66.2 71.0
IV 900 IV 800	6.0 6.0	25.2 25.4	33.6 33.9	40.2 40.6	50.6 51.0	53.4 53.8	58.4 59.4	61.7 63.0	63.4 65.1	66.1 67.9	68.5 70.4	68.9 70.7	70.3 72.1	70.8 72.7	71.1 73.0	71.7 73.6
IV 700 IV 600	6.2 6.1	25.4 25.5	34.0 34.1	40.7 41.3	51.1 51.5	54.0 54.4	60.0 61.1	64.0 65.7	66.0 67.9	69.3 71.6	71.9 74.4	72.3 74.8	73.7 76.1	74.3 76.7	74.6 77.0	75.1 77.6
IV 500 IV 400	6.1 6.1	25.5 25.5	34.1 34.1	41.4 41.5	52.2 52.4	55.1 55.0	62.1 63.0	67.5 68.7	69.9 71.1	74.6 76.5	78.4 81.0	78.8 81.4	80.2 82.9	80.8 83.5	81.1 83.8	81.8 84.4
IV 300 IV 200	6.1 6.1	25.5 25.5	34.1 34.1	41.6 41.6	52.3 52.5	55.7 55.8	63.1 63.2	69.3 69.5	71.7 71.9	77.7 78.0	82.6 83.2	83.2 83.9	85.1 86.2	86.1 87.3	86.8 88.3	87.7 89.8
IV 100 IV 0	6.1 6.1	25.5 25.5	34.1 34.1	41.6 41.6	52.5 52.5	55.8 55.8	63.2 63.2	69.5 69.5	71.9 71.9	78.2 78.2	83.4 83.4	84.1 84.2	86.6 87.0	87.7 88.1	89.0 90.2	91.7 100.0

TOTAL NUMBER OF OBSERVATIONS 1022

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1940. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

34168 ERDING GERMANY AIR STATION

46-57

PERIOD

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	10.7	1.9	2.8	2.8	2.7	2.0	2.8	2.9	6.2	4.9	60.1	7.7	8130
FEB		12.6	4.0	2.8	3.3	3.1	1.9	3.2	3.5	7.0	5.8	55.1	7.4	7462
MAR		20.3	3.3	4.2	3.4	3.3	2.4	3.3	4.5	7.3	7.1	41.1	6.3	8184
APR		15.2	4.1	5.0	4.3	4.5	2.7	4.5	5.2	8.9	7.1	37.6	6.3	8196
MAY		11.5	4.7	5.6	5.6	5.2	3.8	5.0	6.8	9.9	8.0	34.0	6.4	8517
JUN		11.2	4.0	4.6	5.7	4.8	3.3	4.6	6.3	10.5	10.1	34.8	6.6	8142
JUL		15.3	5.3	5.7	5.6	6.1	3.8	5.4	6.9	9.0	7.7	29.3	5.9	8180
AUG		13.8	5.3	6.4	5.8	5.1	3.7	5.3	7.2	9.7	8.5	27.3	5.8	8181
SEP		22.0	5.4	5.0	5.1	4.4	3.2	3.8	5.1	8.2	7.5	30.4	5.6	8295
OCT		20.3	4.4	4.6	4.4	4.1	2.2	3.6	4.4	5.8	5.7	40.6	6.1	8918
NOV		8.4	1.9	2.8	3.3	3.0	1.9	3.0	4.0	6.8	6.3	58.7	7.8	7692
DEC		7.8	1.3	2.1	2.1	2.1	1.1	2.3	3.2	5.0	4.5	69.2	8.3	8183
TOTALS		14.3	3.7	4.3	4.3	4.0	2.7	3.9	4.9	7.9	6.9	43.2	6.7	98330



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

34168 ERDING GERMANY AIR STATION  
STATION STATION NAME

47-57

PER OC

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	17.1	1.8	1.7	2.3	3.2	1.2	3.4	2.3	5.2	2.7	55.8	7.3	1023
	03-05	15.1	1.1	2.5	2.6	2.9	1.0	2.9	2.6	4.9	1.9	62.5	7.5	1023
	06-08	6.6	2.0	2.8	2.3	3.3	2.6	2.7	2.9	6.2	5.4	62.9	8.1	1023
	09-11	6.0	1.9	1.7	3.6	2.0	2.8	2.8	3.6	7.0	8.6	60.9	8.2	1022
	12-14	6.0	2.7	2.7	4.1	2.4	2.3	2.0	4.0	9.7	8.7	56.1	7.9	1021
	15-17	3.1	3.3	4.6	2.5	2.3	2.9	2.4	3.2	8.4	7.0	57.5	7.9	1022
	18-20	12.6	1.9	4.3	2.9	2.9	2.0	3.1	2.3	5.3	3.7	58.7	7.4	1023
	21-23	16.5	1.6	2.4	2.4	2.2	1.3	3.3	2.4	3.9	1.3	62.5	7.3	1023
TOTALS		10.7	1.9	2.8	2.8	2.7	2.0	1.8	2.7	5.3	4.9	60.1	7.7	8160

SKY COVER

FEB  
MONIN

## RESULTS

USAF ETAC FORM 095 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

PERIOD

42  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN -TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	32.6	2.2	1.0	2.8	2.7	1.5	3.3	3.7	2.6	2.8	41.6	5.5	1023
	03-05	24.1	4.7	3.5	2.9	3.1	1.4	2.2	3.1	5.8	3.9	45.2	6.1	1023
	06-08	12.3	4.7	4.8	3.1	1.0	3.1	2.7	4.0	7.7	8.7	47.0	7.0	1023
	09-11	14.6	1.7	3.9	2.9	3.6	2.4	3.2	4.4	9.4	8.7	45.2	7.0	1023
	12-14	14.8	2.2	3.2	3.1	3.0	2.6	5.4	6.3	8.9	10.3	39.2	6.8	1023
	15-17	14.9	3.5	2.9	3.7	5.0	1.8	3.7	6.5	10.9	12.3	34.8	6.6	1023
	18-20	19.1	5.2	6.3	4.2	4.2	2.9	2.7	4.6	7.0	7.0	36.6	6.0	1023
	21-23	30.1	1.9	5.0	4.1	2.6	2.1	2.9	3.6	5.7	3.2	38.8	5.5	1023
TOTALS		20.3	3.3	4.2	3.4	3.3	2.4	3.3	4.5	7.3	7.1	41.1	6.3	8184

## SKY COVER

PERIOD

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

USAF ETAC FORM 0.9-5 (OL1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



### SKY COVER

34168  
STATION

ENDING GERMANY AIR STATION  
STATION NAME

46-57

**PRICE**

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	23.7	4.0	4.7	5.0	4.3	1.9	2.8	4.6	7.3	4.0	37.6	5.6	999
	03-05	10.9	4.6	5.5	4.9	5.1	3.3	3.8	6.5	9.2	8.5	37.8	6.6	1008
	06-08	14.5	3.4	3.9	4.5	3.9	1.9	4.3	5.4	7.8	9.7	40.7	6.7	1035
	09-11	6.8	4.6	3.7	5.3	4.3	3.2	5.6	6.1	13.1	12.4	35.0	7.0	1034
	12-14	5.2	2.4	3.6	6.7	5.0	4.1	5.7	8.4	15.3	12.4	31.3	7.1	1035
	15-17	4.8	3.3	5.5	6.8	4.7	5.8	5.7	7.9	12.4	13.9	29.2	6.9	1026
	18-20	8.2	3.0	4.5	5.7	4.6	4.0	4.9	7.4	11.4	13.4	32.4	6.9	1005
	21-23	15.2	6.3	5.7	6.5	6.4	3.6	4.2	4.4	7.1	6.1	34.5	5.9	1000
TOTALS		11.2	4.5	4.6	5.7	4.8	3.5	4.5	6.2	10.5	10.1	24.6	6.6	8142

## SKY COVER

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	29.2	2.6	4.9	4.9	6.2	3.4	3.9	4.4	4.6	4.6	31.3	5.1	1023
	03-05	14.1	4.8	7.4	6.0	6.0	3.7	4.7	6.1	8.4	8.4	30.5	6.0	1023
	06-08	18.7	5.7	6.0	4.4	3.5	2.3	4.5	6.6	8.7	6.8	32.9	5.9	1022
	09-11	13.6	5.4	4.2	4.6	5.8	4.1	4.9	7.6	10.4	9.7	29.8	6.2	1023
	12-14	7.6	4.6	4.3	5.9	7.7	4.0	8.5	9.5	13.3	9.1	25.0	6.4	1023
	15-17	6.3	6.2	6.5	7.4	6.8	4.9	5.1	8.1	11.7	8.6	26.4	6.2	1023
	18-20	11.0	7.3	5.9	5.3	6.2	4.4	5.2	7.2	8.9	10.5	28.2	6.1	1023
	21-23	20.1	5.6	6.4	6.6	6.5	3.7	6.1	5.6	5.7	3.7	30.1	5.4	1020
TOTALS		15.3	5.3	5.7	5.6	6.1	2.3	5.4	6.9	9.0	7.7	29.9	5.9	8180

SKY COVER

ALG  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	33.7	4.0	6.2	5.8	3.0	2.2	4.6	3.5	4.9	3.3	28.3	4.7	1023
	03-05	16.7	6.5	6.6	6.6	6.3	3.4	3.7	5.9	7.7	9.2	27.4	5.6	1023
	06-08	12.9	6.3	6.3	5.4	3.8	2.2	4.8	6.4	9.9	11.5	30.6	6.2	1023
	09-11	10.7	6.5	5.1	5.7	3.4	3.2	7.4	8.9	13.2	8.9	27.0	6.3	1023
	12-14	7.1	3.4	6.3	5.4	5.9	5.7	7.7	9.7	12.5	11.5	24.8	6.5	1023
	15-17	8.7	5.1	6.0	5.1	6.4	6.0	4.7	9.2	13.0	10.3	25.1	6.3	1023
	18-20	10.6	6.5	6.4	5.0	7.7	4.6	5.3	8.3	11.2	9.1	25.3	6.0	1023
	21-23	26.3	4.0	8.1	7.5	4.2	2.5	3.8	5.3	4.3	3.0	30.1	5.0	1020
TOTALS		15.8	5.3	6.4	5.8	5.1	3.7	5.3	7.2	9.7	8.5	27.3	5.8	8181











DATA PROCESSING DIVISION  
BRAC/USAF  
AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma X$ ). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/AC  
 34168 ERDING GERMANY AIR STATION

46-37

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF TEMPERATURE  
 FROM DAILY OBSERVATIONS

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAXIMUM
95						1.2							1.1
90						1.2							1.0
85						5.2							3.6
80						10.4							3.2
75						19.2							15.3
70						26.0							23.0
65						37.7							23.0
60						46.1							23.0
55						56.5							23.0
50						71.5							23.0
45						86.2							23.0
40						99.7							23.0
35						100.0							23.0
30						100.0							23.0
25						100.0							23.0
20						100.0							23.0
15						100.0							23.0
10						100.0							23.0
5						100.0							23.0
0						100.0							23.0
MEAN	34.5	36.0	48.8	57.3	63.2	75.6	78.6	78.9	68.0	56.2	42.4	26.4	25.4
S D	8.842	10.564	10.639	10.243	9.778	8.939	9.420	8.757	8.825	8.502	7.873	8.047	17.241
TOTAL OBS	341	311	341	320	341	333	341	341	346	372	330	341	4068

DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC  
 34166 ERDING GERMANY AIR STATION

# DAILY TEMPERATURES

45-37

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM DAILY OBSERVATIONS

MINIMUM

TEMP °C	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
65						1.5	1.9					4.2
60						4.5	18.8	14.1				3.2
55					5.6	27.3	54.0	45.7	17.1			12.5
50			2.3	2.0	25.8	65.8	88.0	80.6	49.7	6.2	1.6	28.5
45		1.3	4.7	20.0	58.9	91.3	95.4	97.4	73.4	23.7	1.3	39.7
40	1.5	2.6	17.3	42.7	82.6	99.4	100.0	100.0	94.3	48.1	14.8	51.1
35	7.5	10.9	34.1	71.3	93.6	100.0			99.4	70.7	23.3	62.3
30	11.1	21.3	49.0	82.7	98.2			100.0		80.4	48.8	68.5
25	22.7	35.4	66.3	93.3	99.7					92.2	6.6	78.6
20	32.4	56.3	83.0	99.4	100.0					98.9	90.0	88.3
15	71.8	71.7	92.7	100.0						100.0	97.9	93.5
10	82.6	79.7	97.4								97.7	96.4
5	90.9	88.1	99.1								100.0	97.1
0	92.9	92.6	99.7									97.9
-5	97.4	96.8	100.0									98.8
-10	99.4	98.7										100.0
-15	100.0	99.4										100.0
-20												100.0
-25												100.0
MEAN	23.9	23.8	31.7	38.7	45.3	51.3	55.1	55.8	48.8	39.1	22.4	34.3
S D	9.488	10.787	7.982	6.217	5.860	4.937	4.617	4.867	5.680	6.810	6.250	6.024
TOTAL OBS	341	311	341	330	341	333	341	341	346	372	330	4068



DATA PROCESSING DIVISION  
 USAF ETAC  
 AIR WEATHER SERVICE/4AC  
 34166 EKDING GERMANY AIR STATION

# DAILY TEMPERATURES

46-57

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM DAILY OBSERVATIONS

1:EA

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
80							9	3					1
75						6	2						1
70					1,2	10,8	24,6	4,1					5,2
65				2	10,9	21,8	35,4	43,7	18,8				13,5
60			3	6,7	30,5	37,4	80,9	76,5	42,2	3,0			25,9
55			2,1	22,0	59,2	84,1	94,7	94,4	72,8	17,2			27,5
50	1,8	1,6	13,8	41,0	79,8	97,6	99,8	100,0	92,5	42,5			48,1
45	1,8	4,2	34,9	64,2	91,8	100,0	100,0		99,1	69,9	16,1		3,5
40	9,4	16,1	56,8	89,4	98,3				100,0	89,3	42,7	15,6	68,7
35	29,9	38,6	75,7	97,3	100,0					94,2	69,7	40,2	79,4
30	51,9	58,9	86,2	99,4						100,0	90,2	68,3	98,0
25	74,5	73,0	95,2	100,0							99,4	84,8	94,1
20	87,4	92,3	99,7								100,0	94,7	97,2
15	92,3	92,4	100,0									97,9	98,7
10	97,4	95,3										99,1	99,4
5	98,8	99,0										99,7	99,8
0	100,0	99,7										100,0	100,0
-10		100,0											100,0
MEAN	29,4	30,0	40,3	48,2	55,3	61,2	63,2	64,0	58,6	47,9	38,1	32,2	27,6
S D	8,8	10,2	8,6	7,4	7,1	6,2	6,3	5,9	6,3	6,7	6,4	7,5	14,7
TOTAL OBS	341	341	341	341	341	341	341	341	346	372	330	341	4068

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE  
FROM DAILY OBSERVATIONS

24168 ERDING GERMANY AIR STATION

46-57

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
46							92	90	88	65	58	50	
47	55	42	72	78	82	91	97	92	90	73	60	57	97
48	60	58	60	78	84	85	90	89	84	70	65	46	90
49	50	54	67	78	82	85	88	97	86	76	53	56	97
50	46	59	68	71	86	94	94	91	84	70	60	51	94
51	48	48	62	76	76	87	89	87	85	66	59	48	89
52	48	46	61	74	80	86	95	97	71	62	53	45	97
53	55	50	73	76	85	82	89	84	85	71	56	58	89
54	47	48	65	61	78	85	80	90	81	74	62	52	90
55	52	49	72	80	78					66	57	51	
56	48	41	68	68	82	80	83	85	80	79	52	54	85
57	52	65	68	72	73	87	95	85	80	70			
MEAN	50.7	50.9	67.0	73.8	80.8	86.2	90.2	89.7	82.6	70.7	57.7	51.6	92.0
S. D.	4.584	7.395	4.123	5.864	3.842	4.022	5.231	4.451	4.822	5.175	4.052	4.317	4.367
TOTAL OBS	341	311	341	330	341	300	341	341	330	272	330	341	4019

## EXTREME VALUES

MAXIMUM TEMPERATURE  
FROM DAILY OBSERVATIONS

**34168**  
STATION

ERDING GERMANY AIR STATION

46-57

YEARS

WHOLE DEGREES FAHRENHEIT  
/BASED ON LESS THAN FULL MONTHS/

[illegible]

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE  
FROM DAILY OBSERVATIONS

34168 ERDING GERMANY AIR STATION  
STATION STATION NAME

46-57  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46							47	45	40	22	22	-4	
47	-8	-2	7	30	40	60	45	36	26	25	14	8	-8
48	12	10	24	30	38	42	42	44	35	32	19	10	10
49	14	7	14	30	32	39	46	44	43	31	25	11	7
50	12	18	22	28	29	47	49	44	39	26	27	12	12
51	12	24	6	28	33	45	46	49	34	28	28	21	6
52	6	15	17	20	33	46	52	44	36	26	18	16	6
53	4	3	23	32	32	40	47	46	41	30	22	18	3
54	6	2	26	28	37	43	46	48	33	30	20	26	2
55	12	6	4	27	35					21	15	13	
56	6	-15	13	21	34	41	50	40	37	31	20	5	-15
57	-2	26	23	30	28	44	48	42	40	31			
MEAN	7.1	8.3	16.3	27.6	34.6	42.7	47.1	48.8	37.6	27.8	20.9	12.4	2.6
S D	7.23	12.08	7.97	3.80	3.58	2.78	2.66	3.60	3.17	3.78	4.50	6.09	6.71
TOTAL OBS.	341	311	341	330	341	300	341	341	330	372	330	341	4019

## EXTREME VALUES

34168      ERDING GERMANY AIR STATION  
STATION      STATION NAME

46-37

YEARS

WHOLE DEGREES FAHRENHEIT  
/BASED ON LESS THAN FULL MONTHS/

[illegible]









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## YEARS

47-57

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PAGE 2 ALL

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

34168 ERDING GERMANY AIR STATION

47-57

REP  
MAY 64

STATION

STATION NAME

YEARS

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point												
66/ 65						.0																											1	1		
64/ 63						.0																											1	1		
62/ 61						.0																											1	1		
60/ 59						.0																											3	3		
58/ 57	.0	.0			.0	.0																											6	6	2	2
56/ 55	.0	.0	.1		.1	.0																											12	12	3	2
54/ 53		.0	.1	.1	.1	.1																											22	22	3	1
52/ 51		.1	.1	.4	.1	.0																											45	45	5	
50/ 49	.0	.2	.5	.3	.2	.1																											91	91	25	4
48/ 47	.0	.2	.6	.5	.2	.1																											124	124	34	14
46/ 45	.1	.7	.8	.5	.2	.0																											165	165	117	27
44/ 43	.2	1.1	1.3	.4	.0																												232	232	152	73
42/ 41	.3	2.0	1.2	.3																													291	291	233	156
40/ 39	.6	3.2	1.6	.4	.0																												439	439	386	255
38/ 37	.8	4.8	1.1	.2																													520	520	499	303
36/ 35	1.7	4.8	1.3	.1																													586	586	647	468
34/ 33	2.7	5.1	.8	.1																													649	649	671	742
32/ 31	2.8	4.4	.4	.0																													574	574	697	754
30/ 29	4.1	4.0	.4	.0																													630	631	668	736
28/ 27	2.8	3.8	.3																														524	524	548	549
26/ 25	2.7	3.5	.2																														477	477	492	505
24/ 23	2.2	2.9	.2																														392	392	463	477
22/ 21	2.2	2.3	.0																														341	341	372	409
20/ 19	1.7	1.5	.1																														243	243	284	272
18/ 17	1.0	1.3																															167	167	187	337
16/ 15	1.2	.9	.0																														153	153	170	225
14/ 13	1.1	1.2																															170	170	159	166
12/ 11	1.0	.9																															147	147	153	178
10/ 9	1.2	.4																															121	121	147	154
8/ 7	.9	.2																															86	86	87	162
6/ 5	.5	.4																															71	71	61	23
4/ 3	.5	.2																															51	51	62	93
2/ 1	.4	.1																															34	34	40	53
0/ -1	.4	.1																															37	37	34	67
Element (X)	$\Sigma X^2$					$\Sigma X$					$\bar{X}$					$\sigma_x$					No. Obs.					Mean No. of hours with Temperature						Total				
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-16-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-16-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF/ETAC

1

## YEARS

53

ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28	29-30	+31	DB	WB	Dry Bulb	Wet Bulb	Dew Point															
-2/-3	.3	.1																			25	25	29	30														
-4/-5	.1	.1																			9	9	10	41														
-6/-7	.1																				6	6	6	32														
-8/-9	.1																				4	4	4	9														
-10/-11	.0																				1	1	1	17														
-12/-13	.1																				6	6	6	7														
-14/-15	.1																				4	4	4	3														
-16/-17																								4														
-18/-19																								5														
-20/-21																								3														
-22/-23																								1														
TOTAL	34.	50.4	11.	3.5	.8	.3															7461	7462	7461	7461														

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (GLA)

FORM 4-74

USAFETAC

DATA PROCESSING UNIT  
USAF ETAC  
AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

34168 ERDIG GERMAN AIR STATION 47-57

PAGE 1

AR

W. N. W.

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25	26-27	28-29	30-31	DB	WB	Dry Bulb	Wet Bulb	Dew Point																				
74/ 73											.0									1				1																			
72/ 71											.0		.0	.0						3				3																			
70/ 69							.0	.1	.1	.1										14				14																			
68/ 67					.0		.0	.1	.1	.1		.0								20				20																			
66/ 65				.0		.1	.0	.1	.1	.1										28				28																			
64/ 63				.0	.1	.1	.1	.3	.1	.0										60				60																			
62/ 61				.1	.2	.3	.2	.2	.2	.0										87				87																			
60/ 59	.0			.1	.4	.4	.3	.3	.1											128				128																			
58/ 57			.1	.2	.5	.5	.4	.1												144				144																			
56/ 55	.0	.2	.6	.7	.6	.2	.0													189				189																			
54/ 53		.1	.5	.7	.9	.3	.1													214				214																			
52/ 51		.4	.8	1.1	.7	.3	.1													278				278																			
50/ 49	.0	.9	1.1	1.3	.5	.2	.0													333				333																			
48/ 47	.2	1.9	1.6	1.2	.6	.1	.0													454				454																			
46/ 45	.4	2.7	2.1	1.5	.4	.1														587				587																			
44/ 43	.6	3.0	2.3	.9	.3	.0														583				583																			
42/ 41	.7	3.1	2.4	.7	.3															552				552																			
40/ 39	1.1	3.4	1.5	.9	.3	.0														591				591																			
38/ 37	.9	3.6	1.7	.6	.1															566				566																			
36/ 35	1.4	3.9	1.2	.4	.0															612				612																			
34/ 33	1.4	4.3	1.1	.3																605				605																			
32/ 31	1.4	4.0	1.1	.1																564				564																			
30/ 29	1.4	3.3	.9	.1																459				459																			
28/ 27	.4	2.8	.7	.0																351				351																			
26/ 25	.7	2.2	.4	.0																266				266																			
24/ 23	.6	1.5	.3																	192				192																			
22/ 21	.3	.7	.1																	90				90																			
20/ 19	.3	.7	.1																	96				96																			
18/ 17	.2	.4																		52				52																			
16/ 15	.2	.2																		28				28																			
14/ 13	.1	.0																		16				16																			
12/ 11	.1	.1																		11				11																			
10/ 9	.0																			1				1																			
8/ 7	.0	.0																		5				5																			
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																											
Rel Hum.																$\leq 0$ F											$\leq 32$ F			$\leq 67$ F			$\leq 73$ F			$\leq 80$ F			$\leq 93$ F			Total	
Dry Bulb																																											
Wet Bulb																																											
Dew Point																																											

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47-57

PAGE 2

ALL

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(2)

10

-26-

33

ET

JS

1

## YEARS

46-57

ADD  
MAY

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
80/ 79																			2	3															
78/ 77																			13	13															
76/ 75																			32	32															
74/ 73																			57	57															
72/ 71																			67	67															
76/ 69																			125	125															
68/ 67																			136	136															
66/ 65																			155	155															
64/ 63																			168	168															
62/ 61																			222	222															
60/ 59																			295	295															
58/ 57																			339	339															
56/ 55																			362	362															
54/ 53																			423	423															
52/ 51																			472	472															
50/ 49																			676	676															
48/ 47																			688	688															
46/ 45																			659	659															
44/ 43																			661	662															
42/ 41																			581	581															
40/ 39																			623	623															
38/ 37																			438	438															
36/ 35																			345	345															
34/ 33																			302	302															
32/ 31																			174	174															
30/ 29																			94	94															
28/ 27																			31	31															
26/ 25																			24	24															
24/ 23																			3	3															
22/ 21																			8	8															
20/ 19																			1	1															
18/ 17																																			
16/ 15																																			
14/ 13																																			
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM

1

## YEARS

46-57

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PAGE 2

ALL

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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

2

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

34168 ERDING GERMANY AIR STATION

46-57

YEARS

MAY

MONTH

PAGE 1

ALL

HOURS IN MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85																		4	4																
84/ 83																		12	12																
82/ 81																		37	37																
80/ 79																		41	41																
78/ 77																		99	101																
76/ 75																		137	141																
74/ 73																		174	174	2															
72/ 71																		204	204	2	2														
70/ 69																		265	265	9															
68/ 67																		318	318	34	3														
66/ 65																		375	375	90	13														
64/ 63																		387	387	144	18														
62/ 61																		422	422	253	58														
60/ 59																		488	488	394	96														
58/ 57																		542	544	589	231														
56/ 55																		717	717	781	326														
54/ 53																		689	689	869	552														
52/ 51																		620	621	873	726														
50/ 49																		646	650	902	858														
48/ 47																		628	630	841	910														
46/ 45																		574	576	780	1035														
44/ 43																		433	433	650	959														
42/ 41																		263	263	466	700														
40/ 39																		169	169	365	648														
38/ 37																		106	106	188	425														
36/ 35																		81	81	111	346														
34/ 33																		47	47	77	249														
32/ 31																		13	13	42	160														
30/ 29																		3	3	9	79														
28/ 27																		1	1	2	55														
26/ 25																					25														
24/ 23																					13														
22/ 21																					4														
20/																					2														
Element (✓)	$\Sigma x^2$					$\Sigma x$					$\Sigma y$					$\Sigma xy$					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F    ≤ 32 F    ≥ 67 F    ≥ 73 F    ≥ 80 F    ≥ 93 F    Total									
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			







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## YEARS

46-57

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PAGE 2

ALL  
HOURS

USAFETAC  
FORM 0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ERDING GERMANY AIR STATION  
STATION NAME

46-54, 56-57

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USAFETAC FORM 0-26.5 (OL A) JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## YEARS

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- 44 -

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB, W.B.	Dry Bulb	Wet Bulb	Dew Point																
50/ 49		.3	.5	.1														9	9																		
48/ 47		.5	.7															7	7	5																	
46/ 45		.7	.9															5	5	10	5																
44/ 43	.1	.9	1.1	.2														3	3	15	6																
42/ 41	.3	1.1	1.3	.4	.1													1	1	18	15																
40/ 39	.5	1.3	1.5	.6	.2													1	1	21	17																
38/ 37	.7	1.5	1.7	.8	.4													1	1	24	18																
36/ 35	.9	1.7	1.9	1.0	.6													1	1	27	44																
34/ 33	1.1	1.9	2.1	1.2	.8													1	1	30	86																
32/ 31	1.3	2.1	2.3	1.4	1.0													1	1	33	130																
30/ 29	1.5	2.3	2.5	1.6	1.2													1	1	36	75																
28/ 27	1.7	2.5	2.7	1.8	1.4													1	1	39	94																
26/ 25	1.9	2.7	2.9	2.0	1.6													1	1	42	111																
24/ 23	2.1	2.9	3.1	2.2	1.8													1	1	45	95																
22/ 21	2.3	3.1	3.3	2.4	2.0													1	1	48	58																
20/ 19	2.5	3.3	3.5	2.6	2.2													1	1	51	46																
18/ 17	2.7	3.5	3.7	2.8	2.4													1	1	54	38																
16/ 15	2.9	3.7	3.9	3.0	2.6													1	1	57	39																
14/ 13	3.1	3.9	4.1	3.2	2.8													1	1	60	38																
12/ 11	3.3	4.1	4.3	3.4	3.0													1	1	63	18																
10/ 9	3.5	4.3	4.5	3.6	3.2													1	1	66	14																
8/ 7	3.7	4.5	4.7	3.8	3.4													1	1	69	18																
6/ 5	3.9	4.7	4.9	4.0	3.6													1	1	72	17																
4/ 3	4.1	4.9	5.1	4.2	3.8													1	1	75	7																
2/ 1	4.3	5.1	5.3	4.4	4.0													1	1	78	13																
0/ -1	4.5	5.3	5.5	4.6	4.2													1	1	81	6																
-2/ -3	4.7	5.5	5.7	4.8	4.4													1	1	84	1																
-4/ -5	4.9	5.7	5.9	5.0	4.6													1	1	87	2																
-6/ -7	5.1	5.9	6.1	5.2	4.8													1	1	90	9																
-8/ -9	5.3	6.1	6.3	5.4	5.0													1	1	93	1																
-10/ -11	5.5	6.3	6.5	5.6	5.2													1	1	96	2																
-12/ -13	5.7	6.5	6.7	5.8	5.4													1	1	99																	
TOTAL	43.2	50.8	4.7	1.1	.2													1023	1023	1023																	
Element (X)	Σx²		Σx		Σ	Σ²	No. Obs.		Mean No. of Hours with Temperature												1023																
Rel. Hum.	8133854		90744		88.7	9,094	1023		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	870184		28322		27.7	9,177	1023		.8	66.5					53																						
Wet Bulb	816236		26,8		8,824	1023		1.0	69.7						93																						
Dew Point	720202		25250		24.7	9,741	1023		1.9	75.6					93																						

0-26-5 (OL-A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

**JSAFETAC**









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## YEARS

47-57

JAN  
MONTH

43 85

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
-12/-13																							4	
-18/-19																							1	
TOTAL	42.1	51.4	4.7	1.4	.3	.1														1023	1023	1023		
																				1023	1023	1023		
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	7998839	89961	27.9	9.269	1023	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	859354	27932	27.3	9.727	1023	1.6	64.7					93												
Wet Bulb	800759	27007	26.4	9.268	1023	1.7	69.5					93												
Dew Point	700482	24656	24.1	10.195	1023	2.9	75.6					93												

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Q-26-5 (Q1-A)

**USAFETAC**









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<u>34168</u>	<u>ERCI'G GERVANY AIR STATION</u>
STATION	STATION NAME

47-57

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PAGE 2 1500-1700

0-26-5 (OLA)

USAFETAC

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## YEARS

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USAFETAC FORM 0-26.5 (OL A);  
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## PSYCHROMETRIC SUMMARY

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STATION STATION NAME

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USAFETAC FORM 0-26-5 (OLA) JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA) JAN 64



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USAFITAC  
FORM  
III 4-4  
0-26-5 (OLA)  
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0-26-5 (OLA)

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**JSAFETAC**

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**USAFETAC**









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## YEARS

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USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE











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## PSYCHROMETRIC SUMMARY

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0-26.5 (OL A)  
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USAFETAC













## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26-5 (01-A)







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0-23-5 (OLA)

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FORM 11

**USAFETAC**

## PSYCHROMETRIC SUMMARY

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FORM 10-1

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STATION

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USAFETAC FORM 0-26-5 (OL A)









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**USAFETAC**







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FORM 100-100

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## YEARS

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## YEARS

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U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (01-01-01)

**USAFETAC**

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YEARS

46-56

HOURS 10-5

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE















## PSYCHROMETRIC SUMMARY

<u>34168</u>	<u>ERDING GERMANY AIR STATION</u>
STATION	STATION NAME

46-56

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

46-56

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PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55				.1														1	1																
54/ 53				.1														1	1																
52/ 51			.1															1	1																
50/ 49			.4															4	4	2															
48/ 47	.1	.1	.1	.2														5	5	4	1														
46/ 45		.9	.1		.1													11	11	4	3														
44/ 43	.6	2.1	1.5															42	42	20	12														
42/ 41	.4	2.5	.8	.1														39	39	32	18														
40/ 39	.9	3.2	1.1	.1														54	54	51	37														
38/ 37	1.9	4.6	.4	.1														71	71	62	54														
36/ 35	2.4	5.8	.6															90	90	102	73														
34/ 33	4.5	7.0	.3															121	121	111	110														
32/ 31	6.4	3.9	.3															108	108	129	137														
30/ 29	9.4	4.5	.1															143	143	148	142														
28/ 27	6.1	3.1	.1															95	95	105	71														
26/ 25	3.6	1.4																51	51	56	97														
24/ 23	2.8	2.3																53	53	53	56														
22/ 21	2.6	1.7																44	44	48	38														
20/ 19	1.7	1.5																32	32	32	37														
18/ 17	1.7	.3																20	20	24	34														
16/ 15	.9	.3																12	12	12	31														
14/ 13	.2	.3																5	5	6	20														
12/ 11	.3	.1																4	4	5	8														
10/ 9		.3																3	3	1	1														
8/ 7	.3	.1																4	4	6	2														
6/ 5		.4																4	4	3															
4/ 3																				2	4														
2/ 1	.2																	2	2	2	5														
0/ -1	.1																	1	1	1	2														
-2/ -3	.1																	1	1	1	2														
-4/ -5																					5														
-6/ -7																					1														
TOTAL	47.1	46.4	5.8	.7	.1													1022	1022	1022	1021														
Element (X)	Σ x <sup>2</sup>		Σ x		X		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	8459467		92530		90.6		8.504		1021		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	1043716		31696		31.0		7.711		1022				.2		53.0								93												
Wet Bulb	985945		30855		30.2		7.300		1022				.2		57.7								93												
Dew Point	893501		29089		28.5		7.967		1021				.9		64.9								93												

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

34168

ERDING GERMANY AIR STATION

46-57

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.6	97.8	91.6	75.6	41.4	86.3	8180
FEB		100.0	100.0	100.0	99.9	99.6	97.4	90.5	72.4	36.8	85.3	7461
MAR		100.0	100.0	99.4	97.1	92.7	85.5	69.9	51.3	25.0	77.5	8183
APR		100.0	99.9	98.9	93.8	85.0	73.5	59.3	41.2	19.3	72.6	8176
MAY		100.0	100.0	99.3	94.4	84.4	72.7	58.1	40.3	18.4	72.3	8493
JUN		100.0	99.9	99.3	95.7	88.0	76.6	63.7	47.2	22.4	74.9	8119
JUL		100.0	100.0	99.1	95.3	85.5	73.3	59.4	43.1	20.0	73.2	8130
AUG		100.0	100.0	99.3	96.1	87.9	76.2	63.4	47.0	22.6	74.9	8068
SEP		100.0	100.0	99.5	98.3	93.4	83.8	71.1	54.2	28.7	78.6	8294
OCT		100.0	100.0	100.0	99.3	97.3	91.8	82.9	68.8	42.9	84.2	8904
NOV		100.0	100.0	100.0	100.0	99.8	98.4	94.0	80.4	51.4	88.3	7890
DEC		100.0	100.0	100.0	100.0	99.8	98.9	94.9	83.8	56.6	89.3	8177
TOTALS		100.0	100.0	99.6	97.5	92.8	85.3	74.9	58.8	32.1	79.8	98125

### RELATIVE HUMIDITY

47257

JAN  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)



### RELATIVE HUMIDITY

538

STATIONS

STATION NAME

PERIOD

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MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Feb	00-02	100.0	100.0	100.0	100.0	100.0	98.9	98.0	85.3	45.2	88.6	933
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	87.6	49.9	89.6	933
	06-08	100.0	100.0	100.0	100.0	99.9	99.8	97.0	84.2	46.2	88.7	933
	09-11	100.0	100.0	100.0	100.0	99.8	97.5	86.3	65.9	30.4	83.5	933
	12-14	100.0	100.0	100.0	99.6	98.1	89.6	71.2	45.8	17.0	77.5	932
	15-17	100.0	100.0	100.0	99.9	98.0	94.1	80.4	54.0	24.0	80.5	933
	18-20	100.0	100.0	100.0	100.0	100.0	98.9	94.1	74.0	37.1	89.9	932
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	96.8	82.7	42.9	88.0	932
TOTALS		100.0	100.0	100.0	99.9	99.6	97.4	90.3	72.4	36.8	85.3	7467

### RELATIVE HUMIDITY

47-57

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STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.9	99.2	97.2	87.8	72.6	39.5	85.0	1023
	03-05	100.0	100.0	100.0	100.0	99.9	98.4	93.7	78.9	41.4	86.8	1023
	06-08	100.0	100.0	100.0	99.8	99.6	97.1	87.3	68.2	36.2	84.7	1022
	09-11	100.0	100.0	100.0	97.9	91.3	77.5	56.3	35.3	16.6	73.1	1023
	12-14	100.0	100.0	97.3	89.6	76.4	59.1	35.4	21.7	7.6	63.9	1023
	15-17	100.0	99.9	97.6	91.1	80.3	61.3	42.3	24.1	9.8	66.2	1023
	18-20	100.0	100.0	99.9	98.6	95.2	87.1	71.7	44.7	20.1	77.2	1023
	21-23	100.0	100.0	100.0	99.9	99.8	94.3	84.4	64.8	28.9	82.7	1023
TOTALS		100.0	100.0	99.4	97.1	92.7	83.5	69.9	51.3	23.0	77.5	8123

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

34168 ERDING GERMANY AIR STATION

46-57

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.4	96.1	86.7	64.7	31.3	83.5	987
	03-05	100.0	100.0	100.0	100.0	99.7	97.7	91.8	74.3	41.1	66.2	987
	06-08	100.0	100.0	100.0	99.5	97.4	91.4	76.3	54.6	25.2	80.0	1045
	09-11	100.0	99.8	99.4	98.4	79.1	57.3	36.9	20.3	7.5	65.0	1066
	12-14	100.0	99.7	98.2	80.9	60.0	40.4	26.3	13.4	4.7	57.9	1067
	15-17	100.0	99.7	96.7	78.8	58.2	40.8	28.0	17.3	6.0	58.1	1033
	18-20	100.0	100.0	99.9	97.7	87.7	75.6	65.2	33.2	14.4	71.4	983
	21-23	100.0	100.0	100.0	100.0	98.6	93.6	76.4	50.0	23.9	79.3	984
TOTALS		100.0	99.9	98.9	92.8	83.0	72.5	59.5	41.2	19.3	72.6	8176

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

34168 ERDING GERMANY AIR STATION

46-57

1-67

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.5	92.5	75.4	37.5	55.8	1019
	03-05	100.0	100.0	100.0	100.0	99.7	99.2	96.1	81.5	44.9	57.8	1020
	06-08	100.0	100.0	99.9	99.9	98.3	91.5	72.3	46.2	17.9	78.1	1116
	09-11	100.0	100.0	99.7	95.4	77.7	53.7	33.2	16.6	6.6	63.7	1114
	12-14	100.0	100.0	97.6	81.8	53.7	35.0	18.9	10.5	3.3	55.7	1106
	15-17	100.0	100.0	97.2	79.9	57.5	37.0	22.7	13.1	4.5	56.7	1075
	18-20	100.0	100.0	99.8	98.4	89.2	72.4	46.1	23.8	10.5	70.3	1023
	21-23	100.0	100.0	100.0	99.9	98.8	93.7	79.9	54.7	21.7	80.3	1020
TOTALS		100.0	100.0	99.2	94.6	84.6	72.7	58.1	40.3	18.6	72.3	8493

### RELATIVE HUMIDITY

468

STATION

STATION NAME

255102

MONTH	HOURS (151)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	99.5	96.8	84.0	44.3	88.1	991
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	98.1	89.3	51.0	89.5	1000
	06-08	100.0	100.0	100.0	100.0	99.0	91.4	76.3	50.0	20.5	79.4	1035
	09-11	100.0	100.0	100.0	96.4	83.5	59.6	32.4	21.0	7.2	64.2	1034
	12-14	100.0	99.9	97.4	86.9	53.9	43.9	25.4	15.4	4.7	59.9	1035
	15-17	100.0	97.6	97.1	83.3	66.2	47.8	32.0	17.9	8.2	61.1	1026
	18-20	100.0	100.0	99.7	96.8	89.2	74.5	54.9	35.1	14.6	72.3	1005
	21-23	100.0	100.0	100.0	100.0	99.9	96.4	85.3	63.9	23.8	83.6	993
TOTALS		100.0	99.9	99.3	95.7	89.0	76.6	63.7	47.2	22.4	61.9	8119

### RELATIVE HUMIDITY

JUL  
MAY 19

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.4	94.0	76.5	34.6	86.1	1023
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	96.4	85.6	46.9	88.7	1023
	06-08	100.0	100.0	100.0	100.0	99.2	93.5	74.9	49.5	20.1	79.2	1022
	09-11	100.0	100.0	99.8	96.5	81.2	58.1	32.7	18.3	8.8	65.0	1023
	12-14	100.0	100.0	96.6	83.9	58.7	36.2	22.8	14.2	5.7	57.4	1023
	15-17	100.0	100.0	96.6	84.5	58.1	37.9	26.1	15.3	7.1	58.0	1023
	18-20	100.0	100.0	100.0	97.4	87.9	69.0	46.2	29.7	13.4	70.0	1023
	21-23	100.0	100.0	100.0	100.0	99.2	95.9	82.1	54.6	23.7	81.1	1020
TOTALS		100.0	100.0	99.1	95.3	85.5	73.3	59.4	43.1	27.0	73.2	8100

### RELATIVE HUMIDITY

ALG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.8	96.1	79.8	41.4	87.4	1008	
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.1	88.7	53.5	89.9	1008	
	06-08	100.0	100.0	100.0	100.0	99.5	94.8	81.9	58.7	26.2	81.9	1007	
	09-11	100.0	100.0	99.8	97.0	88.1	58.2	35.5	19.8	7.4	65.9	1008	
	12-14	100.0	100.0	98.0	86.6	61.8	33.3	22.1	12.1	4.7	57.7	1011	
	15-17	100.0	100.0	97.2	86.8	64.1	41.6	28.8	16.2	5.7	59.2	1011	
	18-20	100.0	100.0	99.7	98.5	95.2	91.6	86.8	87.8	18.9	78.8	1011	
	21-23	100.0	100.0	100.0	99.8	99.1	97.3	87.6	62.1	28.0	83.2	1004	
TOTALS		100.0	100.0	99.1	98.1	87.9	74.2	63.4	47.0	22.4	70.7	8068	

### RELATIVE HUMIDITY

SEP

STATION

STATION NAME

PERIOD

**MONTH**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.3	97.5	85.4	32.8	89.2	1038
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.5	89.6	61.6	91.1	1036
	06-08	100.0	100.0	100.0	100.0	99.6	97.6	90.5	72.6	40.6	86.1	1037
	09-11	100.0	100.0	99.2	98.2	92.7	75.9	49.7	25.5	9.1	70.7	1035
	12-14	100.0	100.0	97.9	93.8	77.0	50.4	27.4	13.4	3.9	61.9	1034
	15-17	100.0	100.0	93.6	94.6	81.7	57.8	34.4	17.2	6.6	64.6	1038
	18-20	100.0	100.0	100.0	99.7	96.9	92.2	79.7	52.9	18.4	79.7	1038
	21-23	100.0	100.0	100.0	100.0	99.6	97.0	91.3	76.5	36.3	89.3	1034
TOTALS		100.0	100.0	99.3	98.3	93.4	83.8	71.1	54.2	28.7	70.6	8294



DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

34168 ERDING GERMANY AIR STATION  
STATION NAME

46-57

PERIOD

CCT  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.6	98.8	91.1	64.7	91.6	1110
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.4	94.3	70.6	92.7	1113
	06-08	100.0	100.0	100.0	99.9	97.8	99.2	96.3	87.9	59.7	90.6	1113
	09-11	100.0	100.0	100.0	99.4	97.3	87.6	70.5	47.1	22.7	78.1	1113
	12-14	100.0	100.0	99.9	97.0	87.8	68.6	47.8	26.8	9.8	69.4	1114
	15-17	100.0	100.0	99.8	98.0	93.7	81.8	62.8	40.7	14.7	74.8	1114
	18-20	100.0	100.0	100.0	100.0	99.6	97.9	91.2	75.7	42.6	86.3	1116
	21-23	100.0	100.0	100.0	100.0	100.0	99.3	96.6	86.6	58.7	90.1	1111
TOTALS		100.0	100.0	100.0	99.3	97.3	91.8	82.9	63.8	42.9	84.2	8904

### RELATIVE HUMIDITY

'CV  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

### RELATIVE HUMIDITY

REC  
MONTH

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34168 ERDING GERMANY AIR STATION

46-57

STATIC

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	27.7	27.4	35.4	42.4	48.7	54.1	58.2	57.2	52.6	42.9	35.6	20.8	42.9
	S D	9.177	10.677	8.085	6.664	6.316	5.342	5.207	5.103	5.647	6.867	6.431	7.955	12.946
	TOTAL OBS	1023	933	1023	990	1022	999	1023	1023	1038	1113	986	1023	12196
03-05	MEAN	27.2	26.5	34.0	40.6	47.0	52.9	56.7	55.5	51.0	41.9	35.1	20.6	41.7
	S D	9.571	10.779	8.241	6.619	6.134	5.135	4.927	5.058	5.890	7.152	6.629	8.177	12.698
	TOTAL OBS	1023	933	1023	990	1023	1008	1023	1023	1036	1116	987	1023	12208
06-08	MEAN	27.3	26.4	34.9	43.8	52.3	58.4	62.0	59.7	53.5	42.7	35.2	20.7	44.1
	S D	9.727	10.825	8.605	7.493	7.155	6.341	6.507	6.208	6.646	7.312	6.757	8.259	14.567
	TOTAL OBS	1023	933	1023	1048	1116	1035	1022	1023	1037	1115	986	1023	12384
09-11	MEAN	27.9	20.0	41.2	51.2	59.3	64.7	68.8	67.5	61.4	49.7	38.7	32.7	49.9
	S D	9.499	10.904	9.753	9.327	8.918	8.467	8.696	7.860	8.072	8.256	7.225	8.338	16.525
	TOTAL OBS	1022	933	1023	1066	1114	1034	1023	1023	1036	1114	987	1023	12398
12-14	MEAN	32.7	38.0	46.1	55.0	63.1	67.9	72.3	71.4	65.8	54.4	41.7	34.8	53.5
	S D	8.931	10.577	10.747	10.392	10.026	9.428	9.763	8.947	9.217	8.836	7.521	8.080	17.082
	TOTAL OBS	1021	933	1023	1068	1112	1025	1023	1023	1038	1116	987	1023	12402
15-17	MEAN	31.6	33.3	45.9	54.9	62.6	67.7	72.2	70.9	65.0	52.6	40.0	33.3	52.8
	S D	8.412	10.207	10.618	10.398	10.074	9.638	9.917	9.042	9.121	8.270	7.090	7.563	17.280
	TOTAL OBS	1022	933	1023	1055	1082	1026	1023	1023	1038	1115	987	1022	12349
18-20	MEAN	29.5	30.2	40.9	49.2	56.9	62.9	66.9	64.7	58.3	47.2	37.7	31.6	48.2
	S D	8.857	9.933	8.947	8.691	8.544	8.332	8.640	7.295	7.121	6.775	6.518	7.307	15.530
	TOTAL OBS	1023	932	1023	990	1022	1005	1023	1023	1028	1116	986	1023	12265
21-23	MEAN	28.3	28.6	37.7	45.0	51.8	57.3	61.1	59.8	54.6	44.4	36.4	21.0	44.8
	S D	9.243	10.163	8.071	7.293	6.779	6.168	6.127	5.530	6.036	6.753	6.619	7.711	13.714
	TOTAL OBS	1023	932	1023	989	1020	999	1020	1020	1034	1113	983	1022	12178
ALL HOURS	MEAN	29.3	29.5	39.5	47.9	55.4	60.8	64.8	63.3	57.8	47.0	37.6	32.0	47.2
	S D	9.380	10.846	10.219	10.027	9.998	9.378	9.608	9.106	9.093	8.809	7.212	8.053	15.731
	TOTAL OBS	8180	7462	8184	8196	8512	8141	8180	8181	8293	8918	7889	8182	98320

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34168 ERDING GERMANY AIR STATION 46-57

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AL
00-02	MEAN	26.8	26.6	33.8	40.1	46.5	52.1	55.7	54.9	50.8	41.9	34.8	30.0	41.3
	S D	8.824	10.305	7.541	6.171	5.797	5.047	4.483	4.581	5.359	6.275	6.163	7.510	12.271
	TOTAL OBS	1023	993	1023	987	1019	991	1023	1008	1038	1110	986	1023	12164
03-05	MEAN	26.4	25.8	32.6	38.8	45.2	51.2	54.7	53.8	49.4	40.9	34.3	29.8	40.4
	S D	9.199	10.420	7.795	6.286	5.790	4.956	4.377	4.681	5.578	6.840	6.293	7.715	12.186
	TOTAL OBS	1023	993	1023	987	1020	1000	1023	1008	1036	1113	987	1022	12175
06-08	MEAN	26.4	25.7	33.3	40.9	48.6	54.5	57.7	56.1	51.1	41.4	34.3	29.8	41.8
	S D	9.269	10.418	7.913	6.428	6.072	5.202	4.767	4.782	5.793	6.922	6.345	7.783	13.164
	TOTAL OBS	1023	993	1022	1045	1116	1095	1022	1007	1037	1113	986	1023	12362
09-11	MEAN	28.4	28.5	37.5	45.2	52.1	57.3	60.6	59.6	55.4	46.1	36.8	31.4	45.1
	S D	8.793	10.088	8.059	6.948	6.809	5.954	5.522	4.909	5.926	6.854	6.416	7.692	13.521
	TOTAL OBS	1022	993	1023	1066	1114	1034	1023	1008	1035	1113	987	1023	12381
12-14	MEAN	30.7	31.4	40.4	46.9	53.5	58.5	61.6	60.8	57.3	48.8	39.0	33.2	47.1
	S D	8.102	9.388	8.224	7.153	6.976	6.101	5.595	5.129	6.204	6.824	6.504	7.165	13.078
	TOTAL OBS	1022	992	1023	1067	1106	1035	1023	1011	1038	1114	987	1023	12380
15-17	MEAN	30.1	31.2	40.6	46.7	53.3	58.8	61.6	60.8	57.2	48.2	38.2	32.2	46.7
	S D	7.829	9.232	8.178	7.072	6.827	6.114	5.600	5.071	6.291	6.781	6.389	6.967	13.225
	TOTAL OBS	1022	993	1023	1055	1075	1026	1023	1011	1038	1114	987	1022	12329
19-20	MEAN	28.5	28.9	37.8	44.5	51.3	57.0	60.1	59.0	54.5	45.2	36.5	30.9	44.6
	S D	8.448	9.346	7.824	6.612	6.533	5.809	5.344	4.908	5.879	6.409	6.166	6.894	13.180
	TOTAL OBS	1023	992	1023	985	1022	1005	1023	1011	1038	1116	986	1023	12188
21-23	MEAN	27.4	27.7	38.6	41.9	48.5	54.1	57.4	56.5	52.2	43.1	33.5	30.2	42.6
	S D	8.888	9.681	7.421	6.242	6.008	5.202	4.796	4.640	5.573	6.488	6.320	7.300	12.584
	TOTAL OBS	1023	992	1023	984	1020	994	1020	1004	1034	1111	984	1022	12151
ALL HOURS	MEAN	28.1	28.2	36.5	43.2	50.0	55.5	58.7	57.7	53.5	44.5	36.2	30.9	43.7
	S D	8.813	10.086	8.392	7.254	7.012	6.171	5.685	5.466	6.463	7.361	6.536	7.473	13.128
	TOTAL OBS	8180	7461	8189	8176	8493	8120	8180	8068	8294	8904	7890	8191	98120

DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34168 EROING GERMANY AIR STATION  
STATION

46-57  
STATION NAME

YEARS

HRS (LST)	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	S D	24.7	24.4	31.2	37.5	44.4	50.5	53.9	53.3	49.3	40.6	33.4	28.3	39.4
	TOTAL OBS	9.741	11.267	8.199	6.705	6.089	5.397	4.617	4.804	5.646	6.788	6.512	8.173	12.695
		1023	933	1021	987	1019	991	1023	1008	1038	1110	986	1022	12161
03-05	MEAN	24.2	23.8	30.4	36.6	43.4	49.8	53.3	52.5	48.4	39.9	33.0	28.0	38.7
	S D	10.122	11.308	8.378	6.862	6.056	5.310	4.547	4.809	5.770	6.979	6.602	8.335	12.662
	TOTAL OBS	1023	933	1019	986	1020	1000	1023	1008	1036	1111	987	1021	12167
06-08	MEAN	24.1	23.5	30.6	37.6	45.3	51.7	55.0	53.8	49.2	40.0	32.8	28.0	39.5
	S D	10.195	11.326	8.425	6.825	6.566	5.436	4.741	4.781	5.941	7.149	6.613	8.425	13.245
	TOTAL OBS	1023	933	1019	1044	1116	1035	1021	1007	1027	1112	986	1022	12356
09-11	MEAN	25.5	25.5	32.6	38.9	46.2	52.3	55.6	54.7	51.2	42.7	34.4	29.2	40.9
	S D	9.484	10.744	8.445	7.465	7.675	6.468	5.570	5.171	6.277	7.114	6.530	8.224	13.087
	TOTAL OBS	1022	933	1021	1066	1114	1034	1023	1008	1035	1112	987	1023	12374
12-14	MEAN	27.2	27.2	33.3	38.8	45.8	52.2	55.6	54.3	51.4	43.9	35.8	30.7	41.5
	S D	8.950	10.086	8.687	7.849	7.770	6.816	5.915	5.833	6.585	7.226	6.722	7.405	12.496
	TOTAL OBS	1023	932	1016	1067	1106	1025	1023	1011	1037	1114	987	1021	12370
15-17	MEAN	27.2	27.6	34.2	38.9	45.7	52.4	55.1	54.5	51.8	44.2	35.9	30.2	41.6
	S D	8.730	9.938	8.656	7.681	7.552	7.025	5.851	5.672	6.752	7.266	6.605	7.324	12.482
	TOTAL OBS	1022	933	1017	1053	1075	1026	1023	1011	1037	1114	987	1021	12321
18-20	MEAN	26.1	26.3	33.3	39.6	46.6	53.0	56.0	55.4	51.7	43.2	34.8	29.2	41.4
	S D	9.558	10.077	8.433	6.843	7.001	6.097	5.490	5.189	6.248	6.898	6.630	7.560	12.964
	TOTAL OBS	1023	932	1015	983	1023	1005	1023	1011	1037	1115	986	1023	12181
21-23	MEAN	25.3	25.5	32.6	38.6	45.6	51.9	55.0	54.4	50.8	41.6	34.0	28.5	40.4
	S D	9.898	10.553	8.076	6.971	6.469	5.472	4.932	4.969	6.020	6.780	6.724	7.967	12.920
	TOTAL OBS	1023	932	1017	984	1020	992	1020	1004	1034	1111	985	1021	12144
ALL HOURS	MEAN	25.5	25.5	32.6	38.3	45.4	51.7	54.9	54.1	50.6	42.0	34.3	29.0	40.4
	S D	9.662	10.766	8.524	7.185	7.008	6.122	5.298	5.209	6.284	7.220	6.705	7.990	12.891
	TOTAL OBS	8180	7461	8148	8172	8492	8119	8179	8068	8291	8899	7891	8174	98078

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MHC)  
ASHEVILLE, NORTH CAROLINA

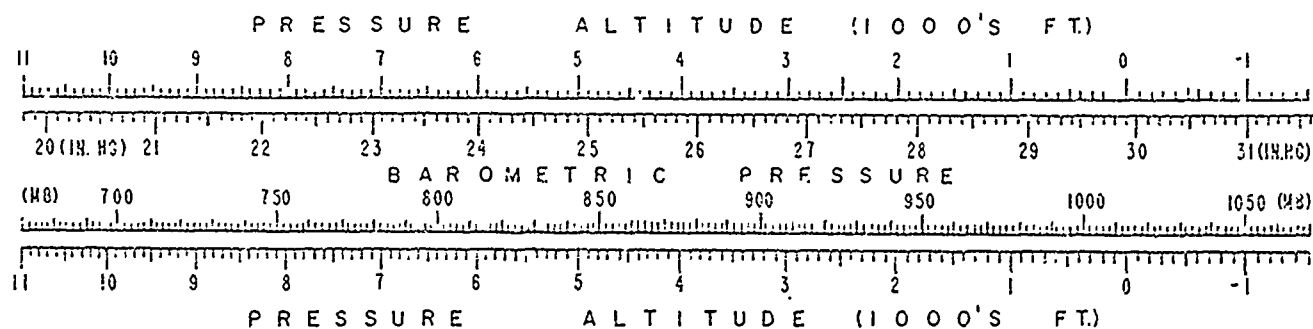
## PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GGT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34168 ERDING GERMANY AIR STATION  
STATION

46-57  
STATION NAME

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN	28.378	28.325	28.393	28.383	28.380	28.423	28.439	28.413	28.456	28.481	28.395	28.409	28.408
	S D	.289	.299	.263	.209	.159	.149	.125	.134	.141	.174	.274	.280	.220
	TOTAL OBS	341	311	335	330	341	333	341	341	345	371	329	341	4059
04	MEAN	28.375	28.317	28.382	28.375	28.377	28.415	28.432	28.409	28.449	28.473	28.388	28.401	28.401
	S D	.286	.300	.262	.209	.161	.142	.125	.135	.141	.173	.274	.285	.220
	TOTAL OBS	341	311	335	330	341	336	341	341	346	372	329	341	4054
07	MEAN	28.381	28.325	28.394	28.401	28.384	28.430	28.446	28.423	28.462	28.485	28.396	28.406	28.412
	S D	.285	.306	.264	.205	.162	.144	.126	.139	.146	.174	.280	.288	.222
	TOTAL OBS	341	311	335	354	372	345	340	341	346	372	328	341	4126
10	MEAN	28.398	28.338	28.401	28.407	28.386	28.430	28.444	28.425	28.472	28.497	28.410	28.422	28.420
	S D	.285	.309	.264	.209	.162	.143	.127	.140	.148	.176	.281	.289	.223
	TOTAL OBS	341	311	335	355	372	344	341	341	346	372	329	341	4128
13	MEAN	28.367	28.320	28.378	28.385	28.365	28.411	28.428	28.407	28.448	28.470	28.385	28.398	28.398
	S D	.285	.300	.261	.209	.160	.143	.127	.141	.147	.174	.279	.286	.221
	TOTAL OBS	341	311	335	356	371	345	341	341	346	372	329	341	4129
16	MEAN	28.371	28.314	28.355	28.364	28.344	28.395	28.408	28.389	28.433	28.459	28.383	28.402	28.386
	S D	.287	.304	.258	.206	.162	.144	.124	.138	.144	.172	.276	.281	.219
	TOTAL OBS	341	311	334	356	371	345	341	341	346	372	329	341	4128
19	MEAN	28.381	28.331	28.378	28.373	28.364	28.403	28.415	28.398	28.450	28.477	28.397	28.412	28.400
	S D	.289	.304	.259	.207	.159	.143	.120	.136	.144	.171	.274	.279	.219
	TOTAL OBS	341	311	334	330	341	336	341	341	346	372	329	341	4063
22	MEAN	28.384	28.335	28.387	28.390	28.385	28.425	28.438	28.417	28.464	28.484	28.401	28.414	28.412
	S D	.289	.300	.260	.208	.157	.143	.122	.136	.144	.173	.274	.279	.219
	TOTAL OBS	341	310	334	330	341	333	339	340	345	371	328	341	4053
ALL HOURS	MEAN	28.379	28.326	28.384	28.385	28.373	28.416	28.431	28.410	28.454	28.478	28.395	28.408	28.404
	S D	.287	.304	.261	.208	.161	.144	.125	.138	.145	.174	.276	.283	.221
	TOTAL OBS	2728	2487	2677	2741	2850	2717	2725	2727	2766	2974	2630	2728	32750



DATA PROCESSING DIVISION  
USAF ETAC  
AIR WEATHER SERVICE/ AC

# MEANS AND STANDARD DEVIATIONS

SFA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34168 BRITG GERMANY AIR STATION

46-37

STATION

STATION NAME

YEAR

HPS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
C1	MEAN	1018.51018.51017.61016.41015.41016.31016.51015.71017.71019.81018.01019.2													1017.3
	S D	1.52710.804	9.577	7.655	5.787	5.178	4.609	5.007	5.095	6.278	9.91610.210			7.983	
	TOTAL OBS	341	311	335	330	341	335	341	341	345	371	329	341	4059	
C4	MEAN	1018.51016.31017.31016.21015.41016.21016.41015.61017.61019.71017.91019.1													1017.2
	S D	1.43710.842	9.528	7.714	5.767	5.191	4.598	4.970	5.116	6.236	9.96510.417			7.994	
	TOTAL OBS	341	311	335	330	341	338	341	341	345	372	329	340	4062	
C7	MEAN	1018.91016.81018.01017.31015.71016.61016.81016.21018.31020.51019.41019.3													1017.7
	S D	1.41511.077	9.608	7.526	5.789	5.194	4.601	5.094	5.255	6.31110.13310.535				8.048	
	TOTAL OBS	341	311	335	354	372	345	340	340	344	372	328	341	4123	
11	MEAN	1019.31017.11018.01017.11015.31016.21016.61016.01019.41020.51018.71019.8													1017.8
	S D	1.38311.194	9.642	7.553	5.791	5.100	4.566	5.134	5.293	6.32910.10110.565				8.088	
	TOTAL OBS	341	311	334	355	372	345	341	341	345	372	328	341	4126	
13	MEAN	1018.21016.21017.01016.21014.61015.71015.81015.31017.31019.41017.61018.8													1018.8
	S D	10.40411.094	9.555	7.520	5.839	5.176	4.573	5.148	5.306	6.23110.09810.396				8.031	
	TOTAL OBS	340	311	334	356	371	345	341	341	346	372	329	341	4127	
16	MEAN	1018.31016.01016.41015.31015.91015.21015.21014.71016.91019.11017.71019.1													1016.5
	S D	10.43010.994	9.483	7.392	5.933	5.209	4.515	5.131	5.203	6.18610.01910.201				8.022	
	TOTAL OBS	341	311	334	356	371	344	341	341	346	372	329	341	4127	
19	MEAN	1018.81016.91017.31016.11014.81015.61015.51015.21017.71020.11018.41019.5													1017.2
	S D	10.58110.976	9.537	7.460	5.748	5.182	4.384	5.063	5.212	6.232	9.98310.148			8.046	
	TOTAL OBS	341	311	334	330	341	334	341	341	345	372	328	341	4059	
22	MEAN	1018.91017.01017.51016.61015.61016.41016.41015.81018.11020.11018.41019.5													1017.5
	S D	10.60310.888	9.321	7.650	5.700	5.194	4.452	5.063	5.262	6.254	9.97010.196			8.009	
	TOTAL OBS	341	310	334	330	341	333	339	340	345	371	328	341	4053	
ALL HOURS	MEAN	1018.71016.61017.41016.41015.11016.61016.11015.31017.91019.91018.11019.3													1017.2
	S D	10.46310.975	9.356	7.567	5.820	5.190	4.544	5.090	5.254	6.24710.01910.225				8.027	
	TOTAL OBS	2727	2487	2675	2741	2850	2715	2725	2726	2761	2974	2628	2727	32738	